

# PRODUCT CATALOGUE 2008-2009

**BD Diagnostics**  
Diagnostic Systems

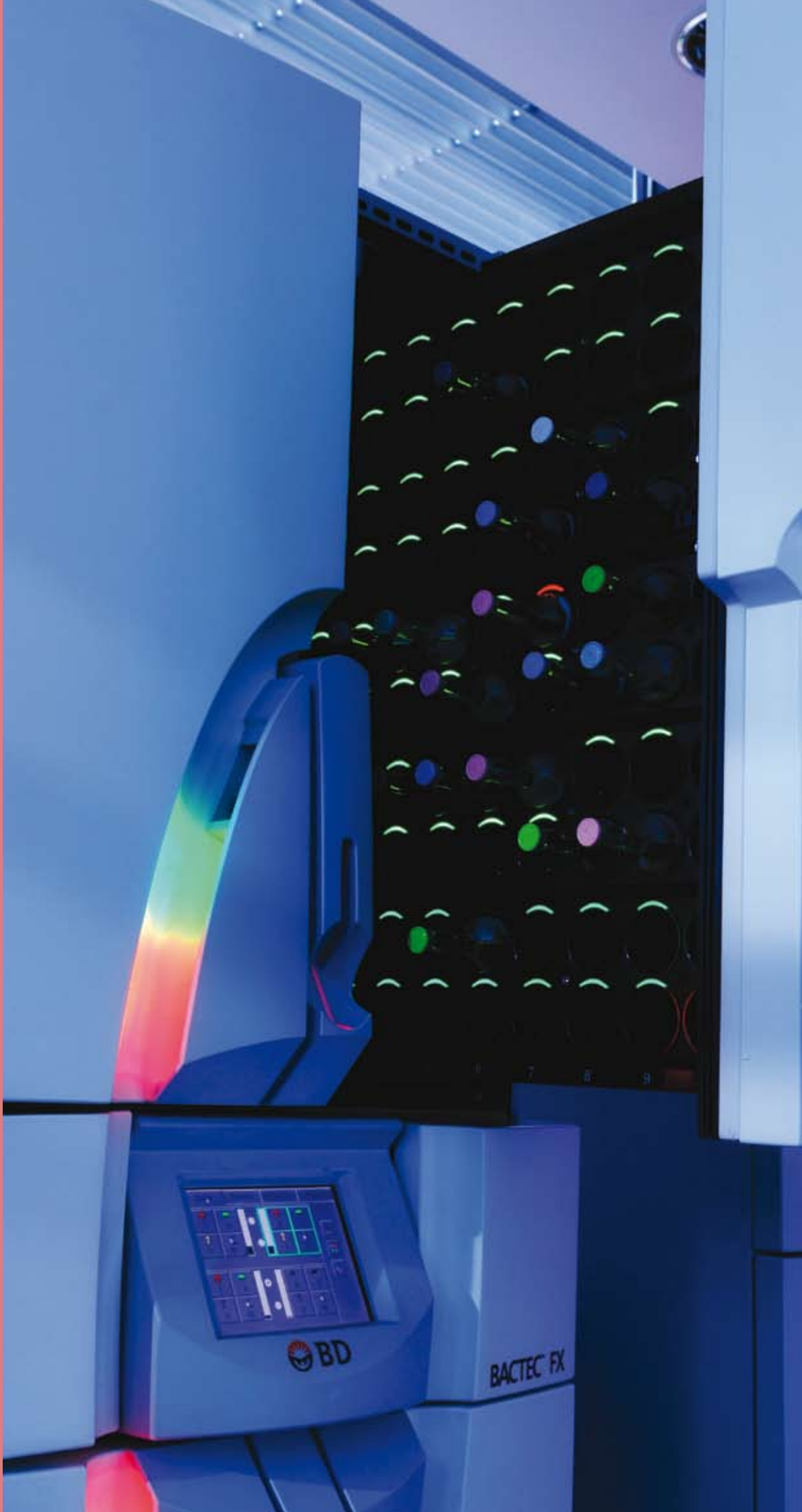


Helping all people  
live healthy lives

# Contents

<b>BD Bactec™ Instruments</b>	
BD BACTEC™ Instruments . . . . .	4
<b>Collection &amp; Transport Systems</b>	
BD Specimen Collection & Transport Systems . . . . .	10
<b>Dehydrated Culture Media (DCM)</b>	
BD Culture Media & Ingredients . . . . .	16
<b>Direct Testing Systems &amp; Serology</b>	
BD Rapid Manual Tests & Serology Diagnostics . . . . .	42
<b>Environmental Systems</b>	
BD GasPak™ Systems . . . . .	50
<b>Identification &amp; Susceptibility Testing</b>	
BD Manual Identification . . . . .	56
BD Phoenix™ Automated Identification & Susceptibility Testing . . . . .	60
BD Sensi-Disc™ Manual Susceptibility Testing . . . . .	63
<b>Molecular Diagnostics</b>	
BD Affirm™ VP III Microbial Identification System . . . . .	74
BD ProbeTec™ ET System & Consumables . . . . .	74
BD Viper™ . . . . .	79
<b>GeneOhm Rapid Nucleic Acid Based Diagnostics</b>	
BD GeneOhm™ Rapid PCR Testing . . . . .	84
<b>Mycobacteria Testing Systems</b>	
BD BACTEC™ MGIT™ Automated Mycobacteria Testing . . . . .	88
BD Manual Mycobacteria Testing . . . . .	91
BD Mycobacteria Specimen Collection, Processing & Staining . . . . .	93
<b>Prepared Media</b>	
BD BBL™ Prepared Plated Media (PPM) . . . . .	98
BD BBL™ Prepared Tubed Media (PTM) . . . . .	105
BD Prepared Media for Environmental Monitoring . . . . .	109
<b>Stains &amp; Reagents</b>	
BD Difco™ - BD BBL™ - Stains, Droppers & Indicators . . . . .	118
BD Difco™ & BD BBL™ Antigens, Antisera & Adjuvants . . . . .	123
BD Enzymes . . . . .	127
BD TB Stain Kits & Reagents . . . . .	128

# Blood Culture Systems



# Blood Culture Systems

## BD BACTEC™ 9000 Series

BD BACTEC™ Instruments . . . . .	4
BD BACTEC™ Accessories . . . . .	5
BD BACTEC™ Media & BD FOS™ Supplement Kit . . . . .	6

# Blood Culture Systems



## BD Bactec™ 9000 Series

### BD Bactec™ Instruments

PRODUCT CODE	SIZE	DESCRIPTION
445475	1	<b>BD BACTEC™ - Blood Culture System BD BACTEC™ 9240</b> <p>Features include continuous monitoring of culture specimens, non-invasive design, unique fluorescent sensor technology, reliability and robustness, and simple operation. Data management of patient information is possible through a bi-directional LIS-interface or through the BD EpiCenter™ (see chapter 12 of this catalogue). Data Management System connected to the LIS. The BD BACTEC™ 9240 blood culture system has a capacity of 240 BD BACTEC™ blood culture vials and is best suited to laboratories processing 20-25 blood culture bottle pairs per day.</p>
445570	1	<b>BD BACTEC™ - Blood Culture System BD BACTEC™ 9120</b> <p>Features include continuous monitoring of culture specimens, non-invasive design, unique fluorescent sensor technology, reliability and robustness, and simple operation. Data management of patient information is possible through a bi-directional LIS-interface or through the BD EpiCenter™ Data Management System (see chapter 12 of this catalogue) connected to the LIS. The BD BACTEC™ 9120 blood culture system has a capacity of 120 BD BACTEC™ blood culture vials and is best suited to laboratories processing 10-15 blood culture bottle pairs per day.</p>
445800	1	<b>BD BACTEC™ - Blood Culture System BD BACTEC™ 9050</b> <p>Features include continuous monitoring of culture specimens, non-invasive design, unique fluorescent sensor technology, reliability and robustness, and simple operation. The BD BACTEC™ 9050 blood culture system has a capacity of 50 BD BACTEC™ blood culture vials and is best suited to laboratories processing 5 blood culture bottle pairs per day.</p>
enquire	1	<b>BD BACTEC™ - Blood Culture System BD BACTEC™ FX</b> <p>The BD BACTEC™ FX builds on the proven superior fluorescence detection technology, exceptional media performance and instrument reliability of the BD BACTEC™ 9000 blood culture systems. This is now combined with:</p> <ul style="list-style-type: none"> <li>• the most efficient, intuitive workflow for reduced hands-on time</li> <li>• the most compact, innovative system design for maximum ergonomics and laboratory space utilisation</li> <li>• intelligent cutting-edge data management with enhanced blood culture observation in and out of the laboratory for reduced workflow interruptions and optimised communication of preliminary or final results to caregivers.</li> </ul> <p>The BD BACTEC™ FX System has a modular design which easily accommodates the changing capacity requirements of laboratories. The most common configuration of the BD BACTEC™ FX is a two-module system designed as a stack. The stack contains four drawers, each with a 100 vial capacity. Smaller volume laboratories can choose a single, top-unit system with 2 drawers (200 vial capacity in total). For high volume capacity, multiple (up to 20) stack/top-unit options can be seamlessly integrated into a single system using BD EpiCenter™. Existing BD BACTEC 9120/9240 instruments can also be easily combined with BD BACTEC FX modules via BD EpiCenter™.</p>

## BD Bactec™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445529	500 pcs.	BD BACTEC™ - Barcode Labels  445529: Extra Vial Sequence barcode labels can be used to replace damaged or unreadable labels on culture vials. The barcode contains sequence numbers which uniquely identify each vial. Universal labels for BD BACTEC™ Media.
445853	1	BD BACTEC™ - Temperature Test Vials  For BD BACTEC™ 9210 and 9240.
249560	50 sp.	Subculture/Aerobic Vent (50/sp)  A safe and easy method for subculturing from BACTEC™ vials.
445519	1	Placard Icon English  Magnetic barcode scanner panel for BACTEC™ 9000 series.
445518	2	BD BACTEC™ - Vial Tray  Stainless steel rack for holding 12 BACTEC vials.
271056	100	Sub/Venting Units for Culture Bottles





## BD Bactec™ 9000 Series

### BD BACTEC™ Media & BD FOS™ Supplement Kit

PRODUCT CODE	SIZE	DESCRIPTION
442003	25 vials	<b>BD BACTEC™ - Myco/F Lytic Medium</b>  BD BACTEC™ - Myco/F Lytic (a modified Middlebrook 7H9 broth) when used with the BD BACTEC™ 9000 Blood Culture series of instruments is a non-selective culture medium to be used as an adjunct to aerobic blood culture media for the recovery of mycobacteria, yeast and fungi. This media may also be used for the culture of sterile body fluids when yeast or fungi are suspected. One advantage of this medium is direct inoculation of blood into the blood culture bottle without the need for supplements. Inoculation of blood volumes ranging between 1-5 ml is acceptable, but optimum recovery is obtained with 3-5 ml. This medium is very useful for the characterisation of bloodstream infections of AIDS patients.
442026	25 vials	<b>BD BACTEC™ - Mycosis IC/F Medium Culture Vials</b>  BD BACTEC™ - Mycosis IC/F Medium Culture Vials are used for the selective culture and recovery of fungi and yeasts from blood. The medium contains tobramycin and chloramphenicol in order to suppress bacterial growth and saponin in order to release phagocytised fungi and yeasts from leukocytes. Time to detection of fungi and yeasts is greatly reduced compared to non-selective blood culture media. Acceptable blood volumes are ranging from 8-10 ml. The Vials are specially designed for immunosuppressed, neutropenic patients.
442153	1 kit	<b>BD BACTEC™ - BD FOS™ Culture Supplement Kit</b>  BD BACTEC™ FOS™ (Fastidious Organism Supplement) Culture Supplement Kit is a fastidious organisms supplement (containing NAD and haemin) for BD BACTEC™ blood culture media which supports the growth of fastidious and/or SPS sensitive bacteria in the absence of blood. Its use is recommended for sterile body fluids other than blood, particularly for CFS specimen. BD FOS™ is provided in a lyophilised form along with a special BD BACTEC™ FOS™ Reconstituting Fluid (BD FOS™ RF) for use with BD BACTEC™ culture media to enhance the growth of fastidious organisms, such as Haemophilus spp. and Neisseria spp. The kit consists of four small amber vials of lyophilised FOS Culture Supplement and one larger clear vial of BD FOS™ Reconstituting Fluid. 1 set is sufficient to inoculate 20 - 24 blood culture vials.
442191	50 vials	<b>BD BACTEC™ - Standard Anaerobic/F Medium</b>  BD BACTEC™ - Standard Anaerobic/F Medium (enriched soybean-casein digest broth with CO <sub>2</sub> ) is used for the culture and recovery of anaerobic microorganisms from blood specimens. Optimal results are obtained when 10 ml of blood is used. This medium does not contain resins intended for antibiotic neutralisation.
442192	50 vials	<b>BD BACTEC™ PLUS - Aerobic/F Medium</b>  BD BACTEC™ PLUS - Aerobic/F Medium (enriched soybean-casein digest broth with CO <sub>2</sub> ) is used for the culture and recovery of aerobic microorganisms from blood specimens with enhanced recovery from antibiotic patients. Optimal results are obtained when 10 ml of blood is used. The Vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.
442193	50 vials	<b>BD BACTEC™ PLUS - Anaerobic/F Medium</b>  BD BACTEC™ PLUS - Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO <sub>2</sub> ) are used for the culture and recovery of anaerobic microorganisms (bacteria and yeasts) from blood specimen. This medium has been designed to allow the addition of 10 ml of blood. The addition of these larger volumes results in overall higher detection rates and earlier times to detection. The Vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.
442194	50 vials	<b>BD BACTEC™ - BD Peds Plus™ Medium</b>  BD BACTEC™ - BD Peds Plus™ Medium Culture Vials (enriched Soybean-Casein Digest broth with CO <sub>2</sub> ) are used for the culture and recovery of aerobic microorganisms (mainly bacteria and fungi) from paediatric and other blood specimen which are generally less than 3 ml in volume. The Vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.

442206	50 vials	BD BACTEC™ - Mycosis IC/F Medium Culture Vials
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BD BACTEC™ - Mycosis IC/F Medium Culture Vials are used for the selective culture and recovery of fungi and yeasts from blood. The medium contains tobramycin and chloramphenicol in order to suppress bacterial growth and saponin in order to release phagocytosed fungi and yeasts from leukocytes. Time to detection of fungi and yeasts is greatly reduced compared to non-selective blood culture media. Acceptable blood volumes are ranging from 8-10 ml. The vials are specially designed for immunosuppressed, neutropenic patients.

442260	50 vials	BD BACTEC™ - Standard/10 Aerobic/F Medium
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BD BACTEC™ - Standard/10 Aerobic/F Medium (enriched soybean-casein digest broth with CO<sub>2</sub>) is used for the culture and recovery of aerobic microorganisms from blood specimens. Optimal results are obtained when 10 ml of blood is used. This medium does not contain resins intended for antibiotic neutralisation.

442265	50 vials	BD BACTEC™ - Lytic/10 Anaerobic/F Medium
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BD BACTEC™ - Lytic/10 Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO<sub>2</sub>) are used for the culture and recovery of anaerobic microorganisms from blood specimen. BD BACTEC™ Lytic/10 Anaerobic/F vials contain saponin in order to release phagocytosed microorganisms from leukocytes thus increasing the recovery rate and reducing false positives. This medium has been designed to allow the addition of 3-10 ml of blood. The addition of larger volumes results in overall higher detection rates and earlier times to detection. This medium does not contain resins intended for the neutralisation of antibiotics. The vials provide faster time to detection for facultative and anaerobic organisms compared to standard and PLUS anaerobic media.



# Collection & Transport Systems



# Collection & Transport Systems

## BD Difco™ Inoculation Loops & Needles

BD Difco™ Inoculation Loops & Needles . . . . .	10
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## BD Specimen Collection & Transport Systems

BD CultureSwab™ and CultureSwab™ MaxV Collection and Transport Systems . . . . .	10
BD CultureSwab™, BD CultureSwab™ EZ & BD CultureSwab™ PLUS devices . . . . .	10
BD ProbeTec™ Collection & Transport Systems. . . . .	11
Viral Transport Systems . . . . .	12

## Other BD Collection & Transport Products

BD Falcon™ SWUBE™ Collection & Transport Systems. . . . .	12
BD Transport Swabs for Environmental Monitoring. . . . .	12

# Collection & Transport Systems



## BD Difco™ Inoculation Loops & Needles

### BD Difco™ Inoculation Loops & Needles

PRODUCT CODE	SIZE	DESCRIPTION
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220215	250	Sterile disposable Inoculating Loops - 10 µl (Light Blue)
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## BD Specimen Collection & Transport Systems

### BD CultureSwab™ and CultureSwab™ MaxV Collection and Transport Systems

PRODUCT CODE	SIZE	DESCRIPTION
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220233	50	CultureSwab™ MaxV Liquid Stuart Single Swab
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BD CultureSwab™ MaxV devices are sterile ready-to-use systems intended for the collection, transport and preservation of clinical specimens for bacteriological examination.

### BD CultureSwab™, BD CultureSwab™ EZ & BD CultureSwab™ PLUS devices

PRODUCT CODE	SIZE	DESCRIPTION
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220093	50 swabs	BD CultureSwab™ - Liquid Amies (Single Swab)
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For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Liquid Amies media. Single swab with plastic shaft.

220099	50 swabs	BD CultureSwab™ - Liquid Stuart (Single Swab)
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For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Liquid Stuart media. Single swab with plastic shaft.

220109	50 swabs	BD CultureSwab™ - Liquid Stuart (Double Swab)
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For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam double swab with Liquid Stuart media. Double swab with plastic shaft.

220115	100 swabs	BD CultureSwab™ - Sterile (Single Swab)
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For general specimen laboratory use. Rayon swab without medium in labelled tube with plastic shaft.

220116	50 swabs	BD CultureSwab™ PLUS - Amies Gel without Charcoal (Single Swab)
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For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Amies gel but no charcoal. Single swab with plastic shaft.

220121	50 swabs	BD CultureSwab™ PLUS - Amies Gel with Charcoal (Single Swab)
		For throat, urogenital and wound specimens. Single swab with plastic shaft.
220133	50 swabs	BD CultureSwab™ - Liquid Stuart (Mini Tip Swab)
		For male urethral sampling, as well as ear, nose, throat and eye specimens. Contains a sterile soft aluminum wire swab with Liquid Stuart media. With soft aluminum Mini-Tip swab.
220144	100 swabs	BD CultureSwab™ EZ - Sterile (Single Swab)
		Single polyurethane foam swab without medium.

## BD ProbeTec™ Collection & Transport Systems

PRODUCT CODE	SIZE	DESCRIPTION
220142	100 pcs.	BD ProbeTec™ ET - Collection Kit for Endocervical Specimens "wet swab"
		The BD ProbeTec™ ET <i>Chlamydia trachomatis</i> /Neisseria gonorrhoeae (CT/GC) Amplified DNA Assay Collection Kit for Endocervical Specimens is used to collect and transport patient endocervical specimens to the laboratory for testing with the BD ProbeTec™ ET <i>Chlamydia trachomatis</i> and Neisseria gonorrhoeae Amplified DNA Assays. The kit consists of a sterile cleaning swab, a sterile collection swab and a CT/GC Diluent tube for specimen transport. The large rayon-tipped cleaning swab is provided to clean the cervix of blood and mucus prior to collection. The smaller polyurethane-tipped swab on a plastic shaft is used to collect the specimen for testing. After the specimen is collected, the swab is placed into the CT/GC Diluent tube and the shaft is broken at the score mark. The tube is recapped and transported to the testing facility.
220143	100 pcs.	BD ProbeTec™ ET - Collection Kit for Male Urethral Specimens "wet swab"
		The BD ProbeTec™ ET <i>Chlamydia trachomatis</i> /Neisseria gonorrhoeae (CT/GC) Amplified DANN Assay Collection Kit for Male Urethral Specimens is used to collect and transport male patient urethral specimens to the laboratory for testing with the BD ProbeTec™ ET <i>Chlamydia trachomatis</i> and Neisseria gonorrhoeae Amplified DNA Assays. The Kit consists of a sterile swab and a CT/GC Diluent tube for specimen transport. The rayon tipped collection swab consists of a flexible aluminium wire in a plastic shaft. After the specimen is collected, the swab is placed into the CT/GC Diluent tube and the shaft is broken at the score mark. The tube is recapped and transported to the testing facility.
440476	100 pcs.	BD ProbeTec™ Culturette™ Direct - Collection and Transport System
		Used for the sample collection and transport of endocervical specimens. Each BD Culturette™ Direct Cleaning-Collection and Transport System contains cleaning swabs, collection swabs, and collection tubes (100 of each). Endocervical Specimen Collection and Dry Transport System– Pink Cap (female).
440461	100 pcs.	BD ProbeTec™ Mini-Tip BD Culturette™ Direct
		Swabs used for the sample collection and transport of urethral specimens from male patients. Urethral Specimen Collection and Dry Transport System – Blue Cap (male).
440928	100	BD ProbeTec™ Urine Preservative Transport Kit
		The BD ProbeTec™ Urine Preservative Transport Kit with NAP Guard™ technology is designed to preserve and transport <i>Chlamydia trachomatis</i> and Neisseria gonorrhoeae in male and female urine specimens from symptomatic and asymptomatic individuals prior to processing for analysis with the BD ProbeTec ET <i>C. trachomatis</i> (CT) and <i>N. gonorrhoeae</i> (GC) Amplified DNA Assays.



## Viral Transport Systems

PRODUCT CODE	SIZE	DESCRIPTION
220221	50	Universal Viral Transport Standard Kit  BD™ Universal Viral Transport System is intended for the collection and transport of clinical specimens containing viruses, chlamydiae, mycoplasmas or ureaplasmas from the collection site to the testing laboratory. This system can be processed using standard clinical laboratory operating procedures for viral, chlamydial, mycoplasmal and ureaplasma culture.
220222	50	Universal Viral Transport Combo Kit  BD™ Universal Viral Transport System is intended for the collection and transport of clinical specimens containing viruses, chlamydiae, mycoplasmas or ureaplasmas from the collection site to the testing laboratory. This system can be processed using standard clinical laboratory operating procedures for viral, chlamydial, mycoplasmal and ureaplasma culture.

## Other BD Collection & Transport Products

### BD Falcon™ SWUBE™ Collection & Transport Systems

PRODUCT CODE	SIZE	DESCRIPTION
220690	1000	BD Falcon™ SWUBE™ - 15 cm, Single Polyester Swab (Friction Cap)  Reports indicate the recovery of certain organisms, especially beta-haemolytic streptococci, may be improved by collection of specimens with the polyester fibre-tipped applicator. The BD Falcon™ Single Polyester Fibre-Tipped SWUBE™ Applicator is approximately 15.2cm (6") in length. Applicators are sterile and individually packaged in peel-apart packages.

### BD Transport Swab for Environmental Monitoring

PRODUCT CODE	SIZE	DESCRIPTION
220518	200 swabs	BD Sterile Pack Swabs  Maximum sterility with double wrapped packaging, gamma-irradiation and performance-validation. Product Features: <ul style="list-style-type: none"> <li>• Packaged 50 to a box, with 10 single wrapped swabs in each double-wrapped pouch</li> <li>• Polypropylene tube is pre-filled with a 10ml rinse solution</li> <li>• Simple sampling and transport—easy-to-use swab is fixed to the screw cap</li> <li>• Complies with the new ISO guidelines</li> <li>• Each lot comes with a Certificate of Analysis</li> <li>• ATP-free, Dacron™ swab</li> <li>• Saves time, no need to create your own media and swab/solution set in-house</li> <li>• Convenient and cost-effective solution</li> <li>• One year shelf-life, at room temperature storage</li> </ul>

# Data Management, Statistics & Epidemiology

## BD EpiCenter™ Advanced Data Management System

### BD EpiCenter™ for BD BACTEC™ 9000

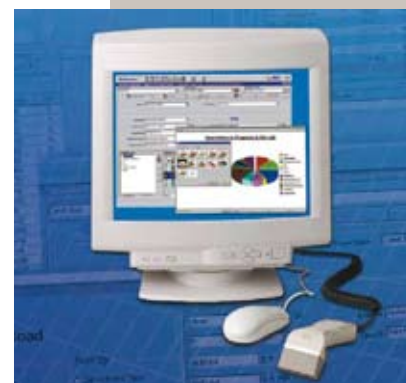
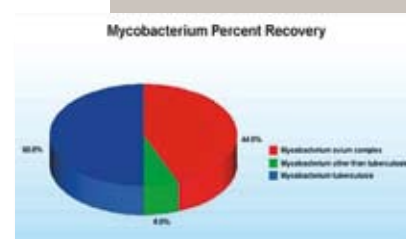
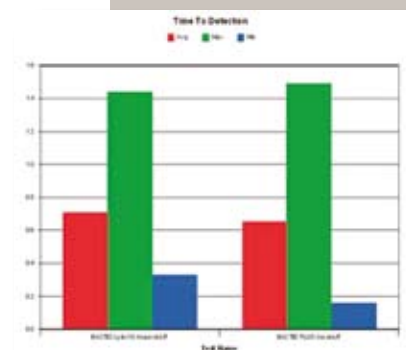
PRODUCT CODE	SIZE	DESCRIPTION
256660	1	BD EpiCenter™ - UTP Cable (20 m)
256661	1	BD EpiCenter™ - 3Com Etherlink III Card
256662	1	BD EpiCenter™ - Lantastic Software

### BD EpiCenter™ for BD BACTEC™ MGIT™ 960

PRODUCT CODE	SIZE	DESCRIPTION
256644	1	BD EpiCenter™ - Workstation
256645	1	BD EpiCenter™ - 15 inch Monitor

### BD EpiCenter™ for BD Phoenix™

PRODUCT CODE	SIZE	DESCRIPTION
256628	1	BD EpiCenter™ - Starter Kit
441007	1	BD EpiCenter™ - Data Management System, Software



# Dehydrated Culture Media (DCM)



# Dehydrated Culture Media (DCM)

## BD Culture Media & Ingredients

Agar & Agarose: BD Bacto™ - BBL™ - Difco™ Quality . . . . .	16
Culture & Analysis Media: BD Bacto™ - BBL™ - Difco™ Quality . . . . .	17
Inhibitors, Enrichments & Supplements: BD BBL™ - BD Difco™ Quality . . . . .	34
Molecular Genetics Media: BD Difco™ Quality . . . . .	36

## BD Fermentation Products

Meat Hydrolysates/Blends: BD Bacto™ - BBL™ - BiTek™ - Difco™ Quality . . . . .	38
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## BD Media Additives

Chemicals: BD BBL™ - BD Difco™ Quality . . . . .	38
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# Dehydrated Culture Media (DCM)



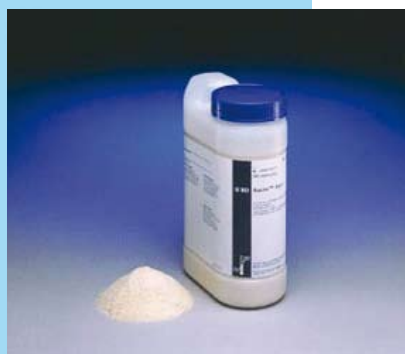
## BD Culture Media & Ingredients

### Agar & Agarose: BD Bacto™ - BBL™ - Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
212304	500 g	Agar (Grade A)  Agar, Grade A is a high-grade agar, specially processed for microbiological purposes. It is routinely used as a solidifying agent in microbiological media.
214510	2 kg	Agar (Granulated)  Used as a solidifying agent for culture media. Carefully monitored for cultural response, solubility and gelation temperature. High quality agar for use in clinics and biotechnology, equivalent to BD BiTek™. Suitable for culturing recombinant strains of <i>Escherichia coli</i> (HB 101) and <i>Saccharomyces cerevisiae</i> . May be used for general bacteriological purposes where clarity is not a strict requirement.
214520	10 kg	
214530	500 g	
214220	100 g	Agar (Noble)  Noble Agar is extensively washed and bleached. This agar should be used for immunodiffusion, some electrophoretic applications, as a substrate for mammalian and plant tissue culture, nutritional procedures and in preparing microbiological culture media when increased purity is required.
214230	500 g	
214010	454 g	Agar (Purified)  Purified Agar in which extraneous matter, pigmented portions and salts are reduced to a minimum. Used for the determination of motility and the growth of anaerobes and microaerophiles.
214030	2 kg	
214040	10 kg	
214050	100 g	
281210	2 kg	Agar (Technical)  Agar, Technical is a solidifying agent used in preparing microbiological culture media. Although Agar, Technical has wider quality control parameters than other bacteriological agars, solubility, gelation temperature and solidity are carefully monitored.
281230	500 g	
214340	500 g	Gelatin  Gelatin is a protein of uniform molecular constitution derived chiefly from the hydrolysis of collagen. Collagens are a class of albuminoids found abundantly in bones, skin, tendon, cartilage and similar tissues of animals. Gelatin is used in culture media to detect gelatin liquefaction by bacteria and as a nitrogen and amino acid source.

## Culture & Analysis Media: BD Bacto™ - BBL™ - Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
274210	500 g	Acetate Differential Agar Differentiation of members of <i>Shigella</i> genus from <i>Escherichia</i> genus.
212168	500 g	Actinomycete Isolation Agar Use with added glycerol for isolating and cultivating actinomycetes from soil and water.
210912	500 g	AK Agar No. 2 (Sporulating Agar) Culture medium for the preparation of spore suspensions for use in procedures for the detection of antibiotic residues in milk and dairy products.
253610	500 g	Anaerobic Agar General purpose medium for anaerobic bacteria.
226340	500 g	Antibiotic Medium 1 Penassay Seed Agar. Microbiological assay of antibiotics.
227020	500 g	Antibiotic Medium 2 Penassay Seed Agar. Microbiological assay of antibiotics.
224320	500 g	Antibiotic Medium 3 Penassay Broth.
224410	500 g	Antibiotic Medium 4 Yeast Beef Agar. Microbiological assay of antibiotics.
246310	500 g	Antibiotic Medium 10 Polymyxin Base Agar. Microbiological assay of antibiotics.
259310	500 g	Antibiotic Medium 11 Erythromycin/Neomycin Agar. Microbiological assay of antibiotics.
243100	500 g	Antibiotic Medium 19 Microbiological assay of antibiotics.
245710	100 g	B12 Assay Medium Used for determining vitamin B12 concentration by the microbiological assay technique.
276840	500 g	Baird-Parker Agar Base Used for the preparation of Egg Tellurite Glycine Pyruvate Agar (ETGPA). May also be used for the identification of staphylococci on the basis of their ability to clear egg yolk. Use with EY Tellurite Enrichment (Cat. Nos. 277910 and 212357) for the detection and enumeration of coagulase-positive staphylococci from food, skin, soil, air and other materials.
211027	500 g	BiGGY Agar BiGGY (Bismuth Sulfite Glucose Glycine Yeast) is a selective and differential medium used in the detection, isolation and presumptive identification of <i>Candida</i> species.
299068	500 g	Bile Esculin Agar Used to differentiate enterococci and the <i>Streptococcus bovis</i> group from other streptococci.
241910	100 g	Biotin Assay Medium For determining biotin concentration by the microbiological assay technique using <i>Lactobacillus plantarum</i> ATCC 8014 as a test organism.



273300	500 g	<b>Bismuth Sulfite Agar</b>  Bismuth Sulfite Agar is a highly selective medium used for isolating <i>Salmonella</i> spp., particularly <i>Salmonella</i> serotype <i>Typhi</i> , from food and clinical specimens. Bismuth Sulfite Agar is a modification of the Wilson and Blair formula.
211037	500 g	<b>Blood Agar Base</b>  Infusion medium for isolation and cultivation of a wide variety of microorganisms. Can be used with added blood for cultivation of fastidious microorganisms.
248200	500 g	<b>Bordet Gengou Agar Base</b>  Used with the addition of sterile blood and glycerol for the detection and isolation of <i>B. pertussis</i> and other <i>Bordetella</i> species. The medium is rendered selective by the addition of methicillin.
211065	500 g	<b>Brain Heart Infusion Agar</b>
241830	500 g	For the cultivation of fastidious microorganisms especially fungi and yeasts. For use with added antibiotics in isolating fungi.
299070	500 g	<b>Brain Heart Infusion Broth, Modified</b>  For the cultivation of fastidious organisms; contains modified quantities of the ingredients and contains pancreatic digest of casein instead of pancreatic digest of gelatin.
256120	500 g	<b>Brain Heart Infusion, Porcine</b>  For the cultivation of fastidious microorganisms using porcine as an alternate peptone source.
228530	500 g	<b>Brilliant Green Agar</b>  Highly selective medium for the isolation of <i>Salmonella</i> other than <i>Salmonella Typhi</i> from faeces and other materials. Can be used with Novobiocin Antimicrobial Supplement (Cat. No. 231971).
211086	500 g	<b>Brucella Agar</b>  A culture medium for the cultivation of <i>Brucella</i> organisms.
211088	500 g	<b>Brucella Broth</b>  Used for the cultivation of <i>Brucella</i> species and for the isolation and cultivation of a wide variety of fastidious and non-fastidious microorganisms.
212367	500 g	<b>Buffered Peptone Water</b>
218105	500 g	Pre-enrichment for injured <i>Salmonella</i> species from food specimens to increase recovery.
257820	500 g	<b>Bushnell-Haas Broth</b>  Used for studying microbial utilisation of hydrocarbons.
211102	500 g	<b>Cary and Blair Transport Medium</b>  Used for collecting, transporting and preserving microbiological specimens, particularly those containing <i>Vibrio cholerae</i> .
285420	500 g	<b>Cetrimide Agar Base - BD Pseudose™ Agar</b>  Used for the selective isolation and identification of <i>Pseudomonas aeruginosa</i> .
289410	500 g	<b>Charcoal Agar</b>  Cultivation of fastidious organisms, particularly <i>Bordetella pertussis</i> , for vaccine production and stock culture maintenance.
228950	500 g	<b>Chocolate Agar Base (GC Medium)</b>  Use with Haemoglobin or Haemoglobin 2%, Antimicrobial Vial CNV or CNVT, Supplement A, B, C or VX. Cultivation of <i>N. gonorrhoeae</i> and other fastidious organisms.
211116	500 g	<b>Coagulase Mannitol Agar</b>  Used for the differentiation of <i>Staphylococcus aureus</i> from other species based on coagulase production and mannitol fermentation.

211124	500 g	Columbia Agar Base	A highly nutritious, general-purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and non-clinical materials.
279240	500 g	Columbia Blood Agar Base	Infusion-free basal medium to use with or without blood for the cultivation of fastidious microorganisms.
279030	500 g	Columbia Blood Agar Base EH	Infusion-free basal medium to use with blood for enhanced beta-haemolytic reactions after overnight incubation and for cultivation of fastidious microorganisms, particularly <i>Helicobacter pylori</i> .
294420	500 g	Columbia Broth	Cultivation of fastidious microorganisms. Particularly recommended for blood culture because of its ability to grow a wide range of microorganisms.
212104	500 g	Columbia CNA Agar	Used with blood for the selective isolation of Gram-positive cocci; contains Colistine and Nalidixic-Acid.
226730	500 g	Cooked Meat Medium	For the cultivation of anaerobic bacteria and maintenance of stock cultures, especially pathogenic clostridia.
211132	500 g	Corn Meal Agar	General-purpose medium for the cultivation of fungi.
211096	500 g	BD CTA Medium™	Cystine Trypticase Agar Medium. Culture medium for the maintenance of microorganisms. Also used for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms, i.e. <i>Neisseria</i> , pneumococci, streptococci and non-sporeforming anaerobes.
252310	500 g	Cystine Tryptic Agar	Used for the maintenance of microorganisms, as well as for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms; i.e., <i>Neisseria</i> spp., pneumococci, streptococci and non-sporeforming anaerobes.
233910	500 g	Czapek Solution Agar	Used for cultivating fungi and bacteria capable of using inorganic nitrogen.
233810	500 g	Czapek-Dox Broth	Used for cultivating fungi and bacteria capable of using inorganic nitrogen.
268620	500 g	D/E Neutralising Agar	D/E (Dey/Engley) Neutralising Agar has the ability to neutralise antimicrobial chemicals and is used for environmental sampling for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
281910	500 g	D/E Neutralising Broth	Used for the neutralisation and testing of antiseptics and disinfectants according to the procedure of Engley and Dey.
289020	500 g	Decarboxylase Base Moeller	Use to differentiate bacteria based on ability to decarboxylate amino acids.
211430	500 g	Decarboxylase Broth Base Moeller	Use with added lysine, arginine or ornithine for the differentiation of Gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.
265320	500 g	Demi-Fraser Broth Base	For use with Fraser Broth Supplement (Cat. No. 211742) in selectively and differentially enriching <i>Listeria</i> from foods.



212330	500 g	Dermatophyte Test Medium Base	Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens.
242010	500 g	Desoxycholate Lactose Agar	A slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli and for enumerating coliforms from water, waste water, milk and dairy products.
263100	500 g	Dextrose Broth	Used for cultivating fastidious microorganisms and for detecting gas from enteric bacilli.
266200	500 g	Dextrose Starch Agar	Used for cultivating pure cultures of <i>Neisseria gonorrhoeae</i> and other fastidious microorganisms.
247100	500 g	Difco™ Cystine Heart Agar	Used with haemoglobin for cultivating <i>Francisella tularensis</i> and without enrichment for cultivating Gram-negative cocci and other microorganisms.
214883	500 g	Difco™ MI Agar	Base for the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and <i>E. coli</i> in drinking water by the membrane filter technique. Conforms with US EPA Approved Method 1604.
264120	500 g	Differential Reinforced Clostridial Agar (DRCA)	For enumeration and cultivation of sulphate-reducing clostridia in foods.
211179	500 g	DNase Test Agar	Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens.
263220	500 g		
222020	500 g	DNase Test Agar with Methyl Green	Deoxyribonuclease test for differentiation of <i>S. aureus</i> and <i>S. marcescens</i> from organisms with similar characteristics.
258710	500 g	DRBC Agar	Dichloran Rose Bengal Chloramphenicol Agar supports good growth of yeasts and moulds while inhibiting bacteria and the spreading of rapidly growing moulds.
238510	500 g	Dubos Broth Base	Dubos Broth Base is used with Dubos Medium Albumin (Cat. No. 230910) for rapidly cultivating pure cultures of <i>Mycobacterium tuberculosis</i> .
237310	500 g	Dubos Oleic Agar Base	Dubos Oleic Agar Base is used with Dubos Oleic Albumin Complex (Cat. No. 237510) and penicillin for isolating and determining the susceptibility of <i>M. tuberculosis</i> .
231430	500 g	EC Medium	Differentiation and enumeration of faecal and non-faecal coliforms in water, waste water, shellfish and foods.
256620	500 g	EE Broth Mossel	Use for selectively enriching and detecting enterobacteriaceae, particularly from foods.
212183	500 g	Elliker Broth	Elliker Broth, also known as Lactobacilli Broth, is used for cultivating streptococci and lactobacilli, particularly in dairy procedures.
211199	500 g	Endo Agar	A differential and slightly selective culture medium for the detection of coliform and other enteric microorganisms.

212205	500 g	BD Enterococcosel™ Agar
		BD Enterococcosel™ Agar, a Bile Esculin Agar with Azide, is used for the rapid, selective detection and enumeration of enterococci.
212207	500 g	BD Enterococcosel™ Broth
		BD Enterococcosel™ Broth, a Bile Esculin Broth with Azide, is recommended for use in the differentiation of enterococci and group D streptococci.
211215	500 g	Eosin Methylene Blue Agar, Modified (Holt-Harris & Teague)
		A slightly selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric bacilli from both clinical and non-clinical specimens.
248810	100 g	Esculin Iron Agar
		Esculin Iron Agar (EIA substrate) is used for enumerating enterococci from water by membrane filtration based on esculin hydrolysis.
258910	500 g	Eugon Agar
		A general-purpose medium used for cultivating a wide variety of microorganisms. Eugon Agar can be used with or without enrichment. Enriched with blood, Eugon Agar supports the growth of pathogenic fungi including <i>Nocardia</i> , <i>Histoplasma</i> and <i>Blastomyces</i> species. With the addition of BD Difco™ Supplement B (Cat. No. 227610), excellent growth of <i>Neisseria</i> , <i>Francisella</i> and <i>Brucella</i> is achieved. The unenriched medium supports rapid growth of lactobacilli associated with cured meat products, dairy products and other foods.
259010	500 g	Eugon Broth
		A general-purpose medium used for the cultivation of fastidious and non-fastidious bacteria from a variety of clinical and non-clinical specimens.
282210	100 g	Folic Acid Casei Medium
		Used for determining folic acid concentration by the microbiological assay technique.
212169	100 g	Folic AOAC Medium
		Used for determining folic acid concentration by the microbiological assay technique.
211767	500 g	Fraser Broth Base
		Use with Fraser Broth Supplement (Cat. No. 211742) for the selective enrichment and detection of <i>Listeria</i> .
248610	500 g	GN Broth - Hajna
		Gram-Negative Broth, Hajna; Isolation and cultivation of Gram-negative organisms.
268510	500 g	HC Agar Base
		HC Agar Base, when supplemented with Polysorbate 80, is used for enumerating moulds in cosmetic products.
244400	500 g	Heart Infusion Agar
		A general-purpose medium used in the cultivation of a wide range of microorganisms from a variety of clinical and non-clinical specimens.
238400	500 g	Heart Infusion Broth
238100	2 kg	Used for cultivating fastidious microorganisms.
285340	500 g	Hektoen Enteric Agar
		A moderately selective medium used in qualitative procedures for the isolation and cultivation of Gram-negative enteric microorganisms, especially <i>Shigella</i> spp., from a variety of clinical and non-clinical specimens.
212392	500 g	Haemoglobin, Bovine (Freeze-Dried)
		BD BBL™ Haemoglobin products are used in preparing microbiological culture media.



211299	500 g	Indole Nitrite Medium (BD Trypticase™ Nitrate Broth)	Used for the identification of microorganisms by means of the nitrate reduction and indole tests.
276910	500 g	ISP Medium 1	International Streptomyces Project Tryptone Yeast Extract Broth.
277010	500 g	ISP Medium 2	International Streptomyces Project Yeast Malt Extract Agar.
277210	500 g	ISP Medium 4	International Streptomyces Project Inorganic Salts Starch Agar.
249610	500 g	KF Streptococcus Agar	Used with TTC Solution 1% (Cat. No. 231121 or 264310) in isolating and enumerating faecal streptococci.
212226	500 g	KF Streptococcus Broth	Used for isolating faecal streptococci.
290010	100 g	Lactobacilli Agar AOAC	Used for maintaining stock cultures for microbiological assays of vitamins and amino acids.
290110	100 g	Lactobacilli Broth AOAC	Used for preparing inocula for microbiological assays of vitamins and amino acids.
288210	500 g	Lactobacilli MRS Agar	For use in the isolation, enumeration and cultivation of <i>Lactobacillus</i> species.
288130	500 g	Lactobacilli MRS Broth	For use in the isolation, enumeration and cultivation of <i>Lactobacillus</i> species.
211835	500 g	Lactose Broth	Used for detecting the presence of coliform organisms, as a pre-enrichment broth for salmonellae and in the study of lactose fermentation of bacteria in general.
215620	500 g	Lactose Monohydrate	Used as a filler or diluent in tablets, capsules and lyophilised products.
266520	500 g	Lactose Peptone Broth	Detection of coliform organisms in water.
224150	500 g	Lauryl Tryptose Broth	Lauryl Sulphate Broth Medium. For the detection of coliform organisms in water and waste water.
211744	500 g	Lauryl Tryptose Broth with MUG	With 4-Mehtylumbelliferyl-β-D-glucuronid for fluorogenic testing. Use for the fluorogenic detection of <i>E. coli</i> in water, food and milk.
211327	500 g	LBS Agar	Lactobacillus Selection Agar is used for the selective isolation and enumeration of lactobacilli.
211331	500 g	LBS Broth	Lactobacillus Selection Broth. Use for the isolation and cultivation of <i>Lactobacillus</i> species.
279410	500 g	Leptospira Medium Base EMJH	Use with <i>Leptospira</i> Enrichment EMJH (Cat. No. 279510) to cultivate and maintain <i>Leptospira</i> spp.

268010	500 g	Letheen Agar	Used to inactivate quarternary ammonium compounds and other preservatives when determining the number of bacteria present in cosmetics and other materials.
263110	500 g	Letheen Agar, Modified	
292847	2 kg		Used for the microbiological testing of cosmetics.
268110	500 g	Letheen Broth	Use for determining the phenol coefficient of cationic surface-active materials.
263010	500 g	Letheen Broth, Modified	Microbiological evaluation of cosmetics: inactivates preservative agents.
211221	500 g	Levine EMB Agar	Levine Eosin Methylene Blue Agar is a slightly selective and differential plating medium for the isolation of Gram-negative enteric bacteria.
222210	10 kg	Listeria Enrichment Broth	
222220	500 g		Selective enrichment for <i>L. monocytogenes</i> from non-dairy and processed food products.
211343	500 g	Litmus Milk	Litmus Milk is used for the maintenance of lactic acid bacteria and as a differential medium for determining the action of bacteria on milk.
213320	500 g	Liver (Desiccated Powder)	Desiccated powder of beef liver. The nutritive factors of fresh liver tissue are retained in infusion prepared from Liver. Liver is used as a source of nitrogen, amino acids and vitamins in microbiological culture media. The reducing substances contained in liver create an anaerobic environment, necessary to support the growth of anaerobes. 135 grams of desiccated Liver are equivalent to 500 grams of fresh liver.
226920	500 g	Liver Infusion Broth	Use for cultivating a variety of organisms, particularly <i>Brucella</i> species and anaerobes.
244420	500 g	Lowenstein Medium Base	Media for the growth and recovery of mycobacteria. Can be used with glycerol to prepare a variety of coagulated egg media.
211759	500 g	Lysine Decarboxylase Broth	Used for differentiating microorganisms based on lysine decarboxylation.
294020	500 g	M Broth	BD Bacto™ M Broth is used for cultivating <i>Salmonella</i> species in foods and feeds by the accelerated enrichment serology (ES) procedure.
273620	500 g	m Endo Agar LES	LES = Lawrence Experimental Station. Use for the enumeration of coliforms in water by the membrane filter technique.
274930	500 g	m Endo Broth MF™	Used for enumerating coliform organisms in water by membrane filtration.
274620	500 g	m Enterococcus Agar	m Enterococcus Agar, also referred to as m Azide Agar, is used for isolating and enumerating enterococci in water and other materials by membrane filtration or pour plate technique.
267720	500 g	m FC Agar	Use with Rosolic Acid. For detection and enumeration of faecal coliforms by the membrane filtration technique at elevated temperatures.



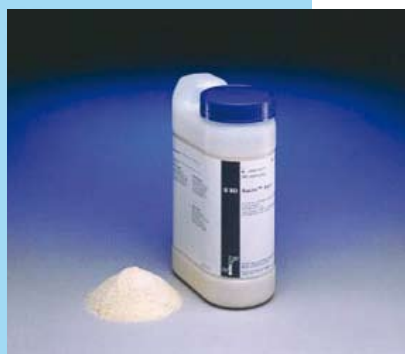
288330	500 g	m FC Broth Base	Use with Rosolic Acid. For detection and enumeration of faecal coliforms by the membrane filtration technique at elevated temperatures.
275220	500 g	m HPC Agar	Used for enumerating heterotrophic organisms in treated potable water and other water samples with low counts by membrane filtration.
275120	500 g	m Plate Count Broth	Used for enumerating microorganisms by membrane filtration.
264920	500 g	m Staphylococcus Broth	Used for isolating staphylococci by the membrane filtration technique.
233410	100 g	m TEC Agar	m TEC Agar is used for isolating, differentiating and rapidly enumerating thermotolerant <i>Escherichia coli</i> from water by membrane filtration and an <i>in situ</i> urease test.
275020	500 g	m TGE Broth	m TGE Broth, also known as membrane Tryptone Glucose Extract Broth, is used for enumerating microorganisms by membrane filtration.
218571	500 g	M17 Agar	Use for the cultivation and isolation of mesophilic lactic streptococci and for the selection of <i>Streptococcus thermophilus</i> from yogurt, cheese starters and other dairy products.
218561	500 g	M17 Broth	Used for isolating lactic streptococci from yogurt, cheese starters and other dairy products.
211387	500 g	MacConkey Agar	For differential isolation of enteric bacilli based on lactose fermentation.
212122	2 kg		
212123	500 g		
281810	500 g	MacConkey Agar Base	Prepared without carbohydrates for coliform fermentation studies.
247010	500 g	MacConkey Agar without Crystal Violet	Less selective than MacConkey Agar, to permit growth of staphylococci and enterococci.
233120	500 g	MacConkey Agar without Salt	Restricts the swarming of most <i>Proteus</i> spp., facilitating Gram-negative bacilli isolation.
220100	500 g	MacConkey Broth	One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.
279100	500 g	MacConkey Sorbitol Agar	Isolation and differentiation of enteropathogenic <i>E. coli</i> serotypes.
239520	500 g	Malonate Broth	Differentiation of <i>Enterobacter</i> spp. from <i>Escherichia</i> spp. on the basis of malonate utilisation.
211401	500 g	Malt Agar	Use for isolating and cultivating yeasts and moulds from food, and for cultivating yeast and mould stock cultures
224200	500 g		
211220	500 g	Malt Extract Agar	Isolation, detection and enumeration of yeasts and moulds.

211320	500 g	Malt Extract Broth
		Used for cultivating yeasts and moulds.
211407	500 g	Mannitol Salt Agar
		Used for the selective isolation and enumeration of staphylococci from clinical and non-clinical materials.
212185	500 g	Marine Agar 2216
		Isolation, cultivation and enumeration of heterotrophic marine bacteria.
279110	500 g	Marine Broth 2216
		For the cultivation of heterotrophic marine bacteria.
218971	500 g	Maximum Recovery Diluent
		Isotonic diluent containing a low level of peptone used for maintaining the viability of organisms during dilution procedures.
211287	500 g	M-Green Yeast and Mould Broth
		Used for the detection of fungi in the routine analysis of beverages.
255320	500 g	Microbial Content Test Agar
255310	2 kg	Microbial Content Test Agar = Tryptic Soy Agar with Polysorbate 80, is recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
218041	500 g	MIL Medium
		Used for differentiating Enterobacteriaceae based on motility, lysine decarboxylation, lysine deamination and indole production.
218591	500 g	Milk Agar
		Recommended by the British Standards Institute and the International Dairy Federation for the enumeration of microorganisms in liquid milk, ice cream, dried milk and whey.
218501	500 g	Minerals Modified Glutamate Broth
		Defined glutamate medium for the enumeration of coliform organisms in water.
229810	500 g	Mitis Salivarius Agar
		Mitis Salivarius Agar is used with BD BBL™ Tellurite Solution 1% (Cat. No. 211917) in isolating <i>Streptococcus mitis</i> , <i>S. salivarius</i> and enterococci, particularly from grossly contaminated specimens.
286910	500 g	Motility GI Medium
		Semisolid gelatin heart infusion medium for detecting motility of microorganisms and for separating organisms in their motile phase.
211436	500 g	Motility Test Medium
		For the determination of motility of Gram-negative enteric bacilli.
211443	500 g	Mueller Hinton Broth
275730	500 g	Mueller Hinton Broth (Not cation-adjusted). A general purpose medium that may be used in the cultivation of a wide variety of fastidious and non-fastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.
211438	500 g	Mueller Hinton II Agar
		Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer-Kirby method.
212322	500 g	Mueller Hinton II Broth
		Mueller Hinton II Broth (Cation-Adjusted). For use in quantitative procedures for susceptibility testing of rapidly-growing aerobic and facultatively anaerobic bacteria isolated from clinical specimens. It is formulated to have a low thymine and thymidine content and is adjusted to the calcium and magnesium ion concentrations recommended in CLSI (formerly NCCLS) standard M7.



225230	10 kg	Mueller Hinton Medium
225250	500 g	Mueller Hinton Agar is recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer-Kirby method, 1-3 as standardised by the National Committee for Clinical Laboratory Standards (NCCLS, now CLSI).
283810	500 g	Mycobacteria 7H11 Agar
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. Used with Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and Glycerol.
240520	500 g	Mycological Agar
		Mycological media are used for the cultivation and maintenance of fungi, for the demonstration of chromogenesis and for obtaining yeast and mould counts.
211445	500 g	BD Mycophil™ Agar
		BD Mycophil™ Agar is a non-selective medium of value in general work with yeasts and moulds rather than for isolation from materials possessing mixed flora. It is often desirable to use these media in parallel with selective media as some of the selective agents are inhibitory for certain fungi.
211450	500 g	BD Mycophil™ Agar with Low pH
		BD Mycophil™ Agar with Low pH has had its base adjusted to approximately pH 4.7, which obviates the need for pH adjustment with lactic or tartaric acids in the laboratory. It also differs from BD Mycophil™ Agar in that an additional 2 g/l of agar has been incorporated so that the medium may be sterilised and remelted without losing its ability to solidify.
212346	500 g	Mycoplasma Broth Base (Frey)
		Used for the cultivation of avian mycoplasmas. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
211458	500 g	Mycoplasma Broth Base (PPLO Broth Base)
		Also known as PPLO (pleuropneumonia-like organism) Broth Base. Basal medium that contains no Crystal Violet and is used in the preparation of media for cultivation of <i>Mycoplasma</i> spp. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating <i>Mycoplasma</i> spp.
211462	500 g	BD Mycosel™ Agar
		A highly selective medium containing cycloheximide and chloramphenicol. It is recommended for the isolation of pathogenic fungi from materials having a large amount of flora of other fungi and bacteria.
281010	500 g	MYP Agar
		MYP Agar is used with Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472) and Antimicrobial Vial P (Cat. No. 232681) for enumerating <i>Bacillus cereus</i> from foods.
236210	100 g	Neutralising Buffer
		Recommended for detection of microorganisms found on dairy and food equipment disinfected with chlorine or quaternary ammonium compounds.
232210	100 g	Niacin Assay Medium
		Microbiological assay of niacin. Use to determine niacin concentration by the microbiological assay technique.
225710	500 g	NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium)
		NIH Thioglycollate Broth and Sterility Test Broth, which are the USP Alternative Thioglycollate Medium, are Fluid Thioglycollate Medium without the agar or indicator components. They are used for the same sterility test procedures except that anaerobic incubation is recommended rather than aerobic incubation. They also meet the requirements of the USP growth promotion test.
226810	500 g	Nitrate Broth
		Recommended as an aid in the identification of aerobic and facultative anaerobic Gram-negative microorganisms by means of the nitrate reduction test.

212000	100 g	Nutrient Agar
213000	500 g	General purpose medium for the cultivation and enumeration of a wide variety of microorganisms in water, sewage, faeces and other materials.
269100	500 g	Nutrient Agar (1.5%)
		Use to cultivate a variety of microorganisms. Can be used with the addition of blood or other enrichment for the cultivation of fastidious microorganisms.
263410	500 g	Nutrient Agar (pH 6.0)
		General purpose medium for cultivation of microorganisms requiring a slightly acidic pH.
231000	100 g	Nutrient Broth
233000	500 g	Use for the cultivation of many species of non-fastidious microorganisms.
234000	2 kg	
211100	500 g	Nutrient Gelatin
		Used for the detection of gelatin liquefaction by microbial species.
255210	500 g	Oatmeal Agar
		Use for cultivating fungi, particularly for macrospore formation.
268820	500 g	OF Basal Medium
		OF (Oxidation Fermentation) media are used for the determination of oxidative and fermentative metabolism of carbohydrates by Gram-negative rods on the basis of acid reaction in either the open or closed system.
260410	100 g	Pantothenate Assay Medium
		Microbiological assay of pantothenate. Use to determine the concentration of pantothenic acid and its salts by the microbiological assay technique.
281610	100 g	Pantothenate Medium AOAC
		Microbiological assay of pantothenate. Use to determine the concentration of pantothenic acid and pantothenate by the microbiological assay technique.
289100	500 g	Peptone Iron Agar
		Use as an indicator of hydrogen sulphide production by microorganisms.
218071	500 g	Peptone Water
		Minimal medium for cultivation of non-fastidious organisms, for studying carbohydrate fermentation patterns, and for performing the indole test.
211502	500 g	Phenol Red Agar Base
		Use with added carbohydrates in differentiating pure cultures of microorganisms based on fermentation reactions.
211506	500 g	Phenol Red Broth Base
		Use with added carbohydrates for the accurate determination of fermentation reactions in the differentiation of microorganisms.
211514	500 g	Phenol Red Dextrose Broth
		Determination of the ability of microorganisms to ferment dextrose.
211527	500 g	Phenol Red Mannitol Broth
		Used to measure the ability of an organism to ferment mannitol.
211537	500 g	Phenylalanine Agar
274520	500 g	Used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.
211539	500 g	Phenylethyl Alcohol Agar
		Selective medium for the isolation of Gram-positive organisms, particularly Gram-positive cocci, from specimens of mixed Gram-positive and Gram-negative flora.



211546	500 g	BD Phytone™ Yeast Extract Agar	Use for the selective isolation of dermatophytes, particularly <i>Trichophyton verrucosum</i> , and other pathogenic fungi from routine clinical specimens.
247930	100 g	Plate Count Agar	
247940	500 g		Used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.
213400	500 g	Potato Dextrose Agar	Use for culturing yeasts and moulds from food and dairy products.
254920	500 g	Potato Dextrose Broth	For the cultivation of yeasts and moulds.
241210	500 g	PPLO Agar (Mycoplasma Agar)	PM Indicator Agar. Penicillin in Milk Assay. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
255420	500 g	PPLO Broth (Mycoplasma Broth)	Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
219200	500 g	Presence-Absence Broth	One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.
244820	500 g	Pseudomonas Agar F	Pseudomonas Agar F, also known as Flo Agar, is used for the enhancement of fluorescein production.
244910	500 g	Pseudomonas Agar P	Pseudomonas Agar P, also known as Tech Agar, is used for the enhancement of pyocyanin production by pseudomonas.
292710	500 g	Pseudomonas Isolation Agar	Use with added Glycerol in isolating pseudomonas and in differentiating <i>Pseudomonas aeruginosa</i> from other pseudomonas based on pigment formation.
222810	500 g	Purple Agar Base	Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.
211558	500 g	Purple Broth Base	Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.
295110	100 g	Pyridoxine Y Medium	Used for determining pyridoxine concentration by the microbiological assay technique.
218262	100 g	R2A Agar	
218263	500 g		Used for enumerating heterotrophic organisms in treated potable water.
218681	500 g	Rappaport-Vassiliadis Medium, Modified (Semisolid)	Use with Novobiocin Antimicrobial Supplement (Cat. No. 231971) for the rapid detection of motile <i>Salmonella</i> spp. in faeces and food products.
218581	500 g	Rappaport-Vassiliadis R10 Broth	Selective enrichment of <i>Salmonella</i> spp. from meat and dairy products, faeces and sewage polluted water and other materials.
218081	500 g	Reinforced Clostridial Medium (RCM)	Use for the cultivation and enumeration of anaerobes, particularly clostridia, and other species of bacteria from foods and clinical specimens.

248020	500 g	Rogosa SL Agar	Use for the selective cultivation of oral, vaginal and faecal lactobacilli.
218312	500 g	Rose Bengal Agar Base	Use with Rose Bengal Antimicrobial Supplement (Cat. No. 214904) for selective isolation and enumeration of yeasts and moulds from foods, dairy products and the environment.
274720	500 g	Sabouraud Agar, Modified	Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and non-pathogenic fungi from clinical and non-clinical specimens.
211584	500 g	Sabouraud Dextrose Agar	Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and non-pathogenic fungi, particularly dermatophytes. The medium is rendered more selective for fungi by the addition of antimicrobics.
211661	2 kg		
210950	500 g		
238230	500 g	Sabouraud Dextrose Broth	Used for cultivation of yeasts, moulds and aciduric microorganisms.
238210	2 kg		
242910	500 g	Sabouraud Maltose Broth	Modification of Sabouraud Dextrose Broth (maltose substituted for dextrose) used for the cultivation of yeasts, moulds and aciduric microorganisms. With 4% maltose, pH 5.6.
264210	500 g	Sabouraud Medium, Fluid	Use for cultivating yeasts, moulds and aciduric microorganisms and for detecting yeasts and moulds in normally sterile materials.
212189	500 g	Schaedler Agar	Use with or without blood for the cultivation and enumeration of anaerobic and aerobic microorganisms.
212191	100 g	Schaedler Broth	Use for cultivating anaerobic and aerobic microorganisms with or without added blood or enrichment.
214889	500 g	BD Select APS™ - Tryptic Soy Broth	Alternative Protein Source obtained from animal-free components.
227540	500 g	Selenite Broth	Used as an enrichment medium for the isolation of <i>Salmonella</i> spp. from faeces, urine, water, foods and other materials of sanitary importance.
268740	500 g	Selenite Cystine Broth	Used as a selective enrichment medium for the isolation of salmonellae from faeces, foods, pharmaceutical articles, water and other materials of sanitary importance.
231510	500 g	SF Medium	SF ( <i>Streptococcus faecalis</i> ) Medium is used for the differentiation of Enterococcus species from the <i>Streptococcus bovis</i> group and other streptococci.
211578	500 g	SIM Medium	Sulphide Indole Motility Medium. Use for differentiating <i>Salmonella</i> and <i>Shigella</i> species based on hydrogen sulphide production, indole fermentation and motility.
211620	500 g	Simmons Citrate Agar	Differentiation and identification of Gram-negative bacteria based on citrate utilisation.
232100	500 g	Skim Milk	Soluble, spray-dried skim milk. When prepared in a 10% solution, it is equivalent to fresh skim milk. Use for preparing microbiological culture media and for differentiating organisms based on coagulation and proteolysis of casein.



217820	500 g	Soluble Starch	Soluble starch improves growth response. It provides starch for hydrolysis, detoxification of metabolic byproducts and as a carbon source.
284530	500 g	SPS Agar	Sulfite Polymyxin Sulfadiazine Agar is used for the detection and enumeration of <i>Clostridium perfringens</i> in foods and other materials.
211672	500 g	Sugar Free Agar	For the detection and enumeration of organisms in butter and other processed dairy products.
235220	500 g	Synthetic Broth AOAC	Use to maintain disinfectant test cultures. Contains all the nutrients essential for growth of the test cultures used to determine the phenol coefficients of disinfectants.
292848	500 g	TAT Broth Base	TAT (Tryptone-Azolectin-Tween <sup>®</sup> ) Broth Base with the addition of polysorbate 20 is recommended for testing for the presence of microorganisms in viscous materials, such as salves or ointments. It is especially adapted to the testing of cosmetics.
298410	2 kg		
265020	500 g	TCBS Agar	Thiosulphate Citrate Bile Salts Sucrose Agar (TCBS Agar) is used for the selective isolation of cholera vibrios and <i>Vibrio parahaemolyticus</i> from a variety of clinical and non-clinical specimens.
261710	500 g	Tellurite Glycine Agar	Use with Chapman Tellurite Solution 1% (Cat. No. 211917) for the selective isolation of coagulase positive staphylococci.
249120	500 g	Tetrathionate Broth Base - Hajna (TT Broth Base, Hajna)	Selective enrichment for <i>Salmonella</i> spp. from food and dairy products prior to isolation procedures.
243010	500 g	Thioglycollate Medium without Indicator	Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies when no oxidation-reduction indicator is required.
211716	500 g	Thioglycollate Medium, Brewer Modified	Use for the cultivation of obligate anaerobes, microaerophiles and facultative organisms.
225640	100 g	Thioglycollate Medium, Fluid	FTM is used to detect microorganisms in normally sterile materials.
225650	500 g		
211260	500 g		
225620	2 kg		
211264	11.35 kg		
260720	500 g	Thioglycollate Medium, Fluid with K Agar	Use for detecting microorganisms in normally sterile materials containing mercurial preservatives when clarity and early visualisation of growth are desired.
278610	500 g	Tinsdale Agar Base	Tinsdale Agar Base is used with Tinsdale Enrichment Desiccated (Cat. No. 234210) in isolating and differentiating <i>Corynebacterium diphtheriae</i> .
249240	500 g	Todd Hewitt Broth	General-purpose medium used for the cultivation of group A streptococci, pneumococci and other fastidious organisms or as a blood culture medium. Primarily used for the cultivation of group A streptococci prior to serological typing.
249210	2 kg		
211794	500 g	Tomato Juice Agar	Cultivation and enumeration of <i>Lactobacillus</i> species, especially <i>Lactobacillus acidophilus</i> .

251720	500 g	Tomato Juice Broth	Used in the cultivation of yeasts and other aciduric microorganisms.
296510	500 g	Trichophyton Agar 3	Contains inositol, thiamine and dextrose.
252410	500 g	Trichophyton Agar 6	Contains ammonium nitrate and dextrose.
211747	500 g	BD Trichosel™ Broth, Modified	For the isolation and cultivation of <i>Trichomonas</i> species.
226540	500 g	Triple Sugar Iron Agar	Triple Sugar Iron Agar (TSI Agar) is used for the differentiation of Gram-negative enteric bacilli based on carbohydrate fermentation and the production of hydrogen sulphide.
236950	500 g	Tryptic Soy Agar	TSA. Soybean-Casein Digest Agar Medium, USP. Cultivation and isolation of a variety of fastidious and non-fastidious organisms. Use with blood in determining haemolytic reactions.
236920	2 kg		
236930	10 kg		
211824	100 g	Tryptic Soy Broth	TSB. Soybean-Casein Digest Medium, USP. Fluid Soybean-Casein Digest Medium. General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens.
211825	500 g		
211822	2 kg		
211823	10 kg		
286220	500 g	Tryptic Soy Broth without Dextrose	Tryptic Soy Broth without Dextrose, a low carbohydrate formulation of Tryptic Soy Broth, is used for cultivating fastidious and non-fastidious microorganisms.
211043	500 g	BD Trypticase™ Soy Agar	Used for the isolation and cultivation of non-fastidious and fastidious microorganisms. Not for use with anaerobes.
211046	2.27 kg		
211047	11.35 kg		
211764	500 g	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80	Recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
212305	500 g	BD Trypticase™ Soy Agar, Modified (TSA II)	Use with added blood for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species.
211768	500 g	BD Trypticase™ Soy Broth	General purpose medium used in qualitative procedures for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non-clinical specimens.
211772	11.35 kg		
296264	500 g	BD Trypticase™ Soy Broth (Sterile)	
223000	500 g	Tryptone Glucose Extract Agar	Used for cultivating and enumerating microorganisms in water and dairy products.
264410	500 g	Tryptone Water	For detecting <i>Escherichia coli</i> in food and water samples on the basis of indole production.
264300	500 g	Tryptose Agar	Cultivation of <i>Brucella</i> spp. and a large variety of pathogenic organisms.
262200	500 g	Tryptose Broth	Cultivation of <i>Brucella</i> spp. and a variety of pathogenic microorganisms.



260300	500 g	Tryptose Phosphate Broth	Infusion-free buffered medium for the cultivation of fastidious, pathogenic microorganisms.
211690	500 g	TSN Agar	TSN (BD Trypticase™ Sulfite Neomycin) Agar is used for the selective isolation of <i>Clostridium perfringens</i> .
285610	500 g	Universal Beer Agar	Universal Beer Agar (UBA Medium) is used for cultivating microorganisms of significance in the brewing industry.
211795	500 g	Urea Agar Base	Used for the differentiation of organisms, especially the enterobacteriaceae, on the basis of urease production. Use with BD Bacto™ Agar (Cat. Nos. 214050, 214010, 214030, 214040) for differentiating microorganisms based on urease activity.
227210	500 g	Urea Broth	Use for differentiating microorganisms, particularly <i>Proteus</i> species, based on urease production.
222330	500 g	UVM Modified Listeria Enrichment Broth	Use as a selective enrichment for the rapid isolation of <i>Listeria monocytogenes</i> .
211695	500 g	Violet Red Bile Agar	Used for enumerating coliform organisms in dairy products.
218661	500 g	Violet Red Bile Glucose Agar (VRBG Agar)	Selective medium containing glucose for the detection and enumeration of Enterobacteriaceae from food and dairy products.
236010	100 g	Vitamin B12 Assay Medium	Microbiological assay of Vitamin B12. Use for determining vitamin B12 concentration by the microbiological assay technique.
256220	500 g	VJ Agar	VJ Agar, also known as Vogel and Johnson Agar, is used for the early detection of coagulase positive, mannitol-fermenting staphylococci. Use with Chapman Tellurite Solution 1% (Cat. No. 211917). Use for isolating coagulase-positive mannitol-fermenting staphylococci from clinical or food specimens.
242510	500 g	WL Differential Medium	WL Differential Medium = Wallerstein Laboratory Differential Medium. Green and Gray developed WL Differential Medium that inhibits the growth of yeasts without inhibiting the growth of bacteria present in beers. Used for isolating bacteria encountered in brewing and industrial fermentation processes.
247110	500 g	WL Nutrient Broth	Wallerstein Laboratory Nutrient Broth. Cultivation of yeasts, moulds and bacteria encountered in brewing and industrial fermentation processes.
242420	500 g	WL Nutrient Medium	Wallerstein Laboratory Medium. Cultivation of yeasts, moulds and bacteria encountered in brewing and industrial fermentation processes.
211836	500 g	XL Agar Base	XL (Xylose Lysine) Agar Base is used for the isolation and differentiation of enteric pathogens and, when supplemented with appropriate additives, as a base for selective enteric media. It was developed by Taylor for the non-selective isolation and differentiation of Gram-negative enteric bacilli. Dehydrated Appearance: Fine, homogeneous, free of extraneous material.
278850	500 g	XLD Agar	Xylose Lysine Desoxycholate Agar. Selective differential medium for the isolation of Gram-negative enteric bacilli, especially <i>Shigella</i> and <i>Providencia</i> species.
278820	2 kg		

223420	500 g	XLT4 Agar Base	XLT4 Agar Base is used with XLT4 Agar Supplement (Cat. No. 235310) in isolating non-typhi <i>Salmonella</i> species. Contains peptone as a source of complex nitrogen compounds. Dehydrated Appearance: Pink, free flowing, homogeneous.
239110	100 g	Yeast Carbon Base	Wickerham formula. Use for the classification of yeasts based on nitrogen assimilation.
219001	500 g	Yeast Extract Glucose Chloramphenicol Agar	Selective agar recommended by the International Dairy Federation for the enumeration of yeasts and moulds in milk and milk products.
239320	500 g	Yeast Morphology Agar	Wickerham formula. Use for the classification of yeasts based on colonial characteristics and cell morphology.
239210	100 g	Yeast Nitrogen Base	Wickerham formula. Use for the classification of yeasts based on carbon assimilation.
291940	100 g	Yeast Nitrogen Base without Amino Acids	Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.
291920	2 kg		
291930	10 kg		
233520	100 g	Yeast Nitrogen Base without Amino Acids and Ammonium Sulphate	Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.
233510	10 kg		
218172	500 g	Yersinia Selective Agar Base (CIN Agar Base)	CIN (cefsulodin-Irgasan™-novobiocin) Agar Base, when supplemented with cefsulodin and novobiocin (Yersinia Antimicrobial Supplement CN, Cat. No. 231961), is a differential and selective medium used in qualitative procedures for the isolation of <i>Yersinia enterocolitica</i> from a variety of clinical and non-clinical specimens.
271210	500 g	YM Agar	Yeast Mould Agar is used for cultivating yeasts, moulds and other aciduric microorganisms. Dehydrated Appearance: Beige, free-flowing, homogeneous.
271120	500 g	YM Broth	Yeast Mould Broth is for Cultivation of yeasts, moulds and other aciduric microorganisms.



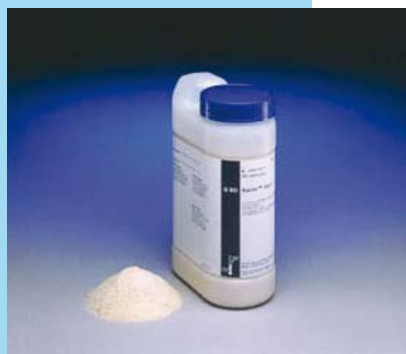
## Inhibitors, Enrichments & Supplements: BD BBL™ - BD Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
232681	6 x 10 ml	<p>Antimicrobial Vial P</p> <p>Contains Polymyxin B. For enumerating <i>Bacillus cereus</i> from foods use with:</p> <ul style="list-style-type: none"> <li>• MYP Agar (Cat. No. 281010) and</li> <li>• Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472)</li> </ul> <p>Also for use with:</p> <ul style="list-style-type: none"> <li>• SFP Agar Base (Cat. No. 281110)</li> </ul> <p>6 x 10 ml Vials.</p>
211875	5 x 2 ml	<p>BD IsoVitaleX™ Enrichment</p> <p>Chemically defined supplement used as an additive to media for the isolation and cultivation of nutritionally fastidious microorganisms. BD IsoVitaleX™ Enrichment with Rehydrating Fluid is used for supplementing media to culture fastidious microorganisms, particularly <i>Neisseria gonorrhoeae</i> and <i>Haemophilus influenzae</i>.</p> <p>211875: 5 lyophilised vials; (each reconstitutes to 2 ml) and 5 vials diluent</p> <p>211876: 5 lyophilised vials; (each reconstitutes to 10 ml) and 5 vials diluent antimicrobics</p>
211876	5 x 10 ml	
230910	12 x 20 ml	<p>Dubos Medium Albumin</p> <p>A 5% solution of albumin fraction V from bovine plasma and 7.5% dextrose in normal saline. For the cultivation of <i>M. tuberculosis</i> use with:</p> <ul style="list-style-type: none"> <li>• Dubos Broth Base (Cat. No. 238510)</li> </ul> <p>12 x 20 ml Prepared tubes.</p>
237510	12 x 20 ml	<p>Dubos Oleic Albumin Complex</p> <p>Dubos Oleic Albumin Complex and penicillin are used to supplement Dubos Oleic Agar Base for the isolation and susceptibility testing of <i>Mycobacterium tuberculosis</i>. Dubos and Middlebrook described Dubos Oleic Medium Albumin as suitable for primary isolation and cultivation of the tubercle bacillus and for studying colony morphology. In comparative studies, Dubos Oleic Albumin Agar Medium was superior to other media studied for primary isolation. Oleic acid is a carbon source. Albumin Fraction V is a growth factor. Dubos Oleic Albumin Complex is a 0.05% solution of alkalized oleic acid in a 5% solution of albumin fraction V in normal saline (0.85%). Use with:</p> <ul style="list-style-type: none"> <li>• Dubos Oleic Agar Base (Cat. No. 237310)</li> </ul> <p>12 x 20 ml Prepared tubes.</p>
233472	6 x 100 ml	<p>Egg Yolk Enrichment (50%)</p> <p>BD Bacto™ Egg Yolk Enrichment 50% is a concentrated egg yolk emulsion recommended for use in a variety of media such as BD Difco™ SFP Agar Base and BD Difco™ McClung Toabe Agar Base for the isolation and identification of <i>Clostridium</i> species on the basis of their lecithinase activity. BD Bacto™ Egg Yolk Enrichment 50%, which has been warmed to 45 – 50° C, is aseptically added to prepared and sterilised culture media which has been cooled to 45 – 50° C. In BD Difco™ SFP Agar Base and Difco™ McClung Toabe Agar Base, 100 ml Egg Yolk Enrichment 50% is added to 900 ml or 10 ml to 90 ml of prepared and sterilised base. Use with:</p> <ul style="list-style-type: none"> <li>• McClung Toabe Agar Base (Cat. No. 294110)</li> <li>• MYP Agar (Cat. No. 281010)</li> <li>• SFP Agar Base (Cat. No. 281110)</li> </ul> <p>12 x 10 ml Prepared tubes resp. 6 x 100 ml bottles.</p>
257200	100 ml	<p>Egg Yolk Enrichment (Gamma Irradiated)</p> <p>Used as a supplement in the preparation of various culture media for the detection of lecithinase and/or lipase, such as MYP Agar.</p> <p>Ready-to-use supplement:</p> <p>100 ml Medium in 100 ml plastic bottle.</p>
212357	6 x 100 ml	<p>Egg Yolk Tellurite Enrichment</p> <p>The enrichment consists of 30% egg yolk suspension with 0.15% potassium tellurite. For the isolation of <i>S. aureus</i> use with:</p> <ul style="list-style-type: none"> <li>• Baird-Parker Agar Base (Cat. Nos. 276840 and 276810)</li> </ul> <p>6 x 100 ml bottles.</p>
277910	6 x 100 ml	

211742	6 x 10 ml	Fraser Broth Supplement	<p>Contains 0.05 g Ferric Ammonium Citrate. The medium is used in the rapid detection of <i>Listeria</i> species from food and environmental samples.</p> <p>Use with:</p> <ul style="list-style-type: none"> <li>• Fraser Broth Base (Cat. No. 211767 and 211766) and</li> <li>• Demi-Fraser Broth Base (Cat. Nos. 265310 and 265320)</li> </ul>
257199	40 ml	Iodine Solution	<p>Additive to be used with:</p> <ul style="list-style-type: none"> <li>• Tetrathionate Broth Base (Cat. No. 210430 and 210420)</li> </ul> <p>40 ml Medium in 50 ml screw cap bottle.</p>
211883	10 x 10 ml	Leptospira Enrichment (Lyophilised)	<p>For use in the enrichment of media for the cultivation of <i>Leptospira</i> species. Media such as Fletcher Medium Base and Stuart Broth Base are used with rabbit serum enrichment for the detection of leptospirosis in blood, spinal fluid, urine, waters and other minerals. They are useful therefore, in diagnostic and epidemiological studies of leptospirosis in humans and animals. Leptospira Enrichment provides the necessary enrichment for these media.</p> <p>Box of 10 vials, lyophilised, each vial restores to 10 ml.</p>
279510	6 x 100 ml	Leptospira Enrichment EMJH	<p>To cultivate and maintain <i>Leptospira</i> spp. Use with:</p> <ul style="list-style-type: none"> <li>• Leptospira Medium Base EMJH (Cat. No. 279410)</li> </ul> <p>6 x 100 ml bottle.</p>
211887	10 x 20 ml	Middlebrook ADC Enrichment	
212352	6 x 100 ml		<p>Used to supplement culture media for the cultivation of mycobacteria (for Middlebrook 7H9 Broth, Cat. No. 271310).</p> <p>211887: Prepared Tubed Media: 10 x 20 ml per tube, "A" size tube</p> <p>212352: Prepared Bottled Media: 6 x 100 ml per bottle</p>
211886	10 x 20 ml	Middlebrook OADC Enrichment	
212240	6 x 100 ml		<p>Used to supplement culture media for the isolation and cultivation of mycobacteria for</p> <ul style="list-style-type: none"> <li>• Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and</li> <li>• Mycobacteria 7H11 Agar, Cat. No. 283810.</li> </ul> <p>211886: Prepared Tubed Media: 10 x 20 ml per Tube, "A" size Tube</p> <p>212240: Prepared Bottled Media: 6 x 100 ml per bottle</p> <p>212351: Prepared Bottled Media: 1 x 500 ml per bottle</p>
212351	500 ml		
283610	6 x 30 ml	Mycoplasma Supplement	<p>For the isolation and cultivation of <i>Mycoplasma</i> spp.; e.g., PPLO media, Heart Infusion Agar and Heart Infusion Broth. 6 x 30 ml Vials for use with:</p> <ul style="list-style-type: none"> <li>• PPLO Agar (Mycoplasma Agar) (Cat. No. 241210)</li> <li>• Mycoplasma Agar Base (PPLO Agar Base) (Cat. No. 211456)</li> <li>• PPLO Broth (Mycoplasma Broth) (Cat. Nos. 255420 and 255410)</li> <li>• Mycoplasma Broth Base (PPLO Broth Base) (Cat. No. 211458)</li> <li>• Mycoplasma Broth Base (Frey) (Cat. Nos. 212346 and 212347)</li> </ul> <p>6 x 30 ml Vials.</p>
232281	6 x 1 g	Rosolic Acid	<p>Use with:</p> <ul style="list-style-type: none"> <li>• m FC Agar (Cat. Nos. 267710 and 267720) and</li> <li>• m FC Broth Base (Cat. Nos. 288320 and 288330)</li> </ul> <p>6 x 1 g Vials.</p>
271510	500 g	SBG Sulfa Enrichment	<p>Selenite Brilliant Green Sulfa Enrichment is a selective enrichment for the isolation of <i>Salmonella</i> species. With 0.1% Sulfapyridin. SBG Sulfa Enrichment is used for enriching <i>Salmonella</i> spp. prior to isolation procedures. Use with:</p> <ul style="list-style-type: none"> <li>• BG Sulfa Agar (Cat. No. 271710)</li> </ul>
252710	6 x 5 ml	Supplement C	<p>This is a desiccated yeast concentrate used to supplement media for cultivating fastidious organisms with exacting growth requirements. BD Difco™ Supplement C contains the thermolabile and thermostable growth accessory factors of fresh yeast, including glutamine, coenzyme (V factor), haematin (X factor), cocarboxylase and other growth factors required for the growth of fastidious organisms.</p>



211917	20 ml	Tellurite Solution (1%)
For use with: <ul style="list-style-type: none"> <li>• Mitis Salivarius Agar (Cat. No. 229810) and</li> <li>• Tellurite Glycine Agar (Cat. No. 261710) and</li> <li>• VJ Agar (Cat. No. 256220)</li> </ul> Prepared vial 20 ml.		
234210	6 x 15 ml	Tinsdale Enrichment
BD Difco™ Tinsdale Enrichment Desiccated is used with BD Difco™ Tinsdale Agar Base (Cat. No. 278610) for primary isolation and differentiation of <i>Corynebacterium diphtheriae</i> . The Enrichment contains bovine serum and horse serum which provide essential growth factors. L-cystine and sodium thiosulphate provide sulphur for H <sub>2</sub> S production. Potassium tellurite is a selective agent. The formation of black to brown halos surrounding the colony results from the reduction of potassium tellurite by H <sub>2</sub> S to metallic tellurite. Stabbing the complete Tinsdale Agar with an inoculating needle accentuates darkening of the medium by <i>C. diphtheriae</i> . Use with: <ul style="list-style-type: none"> <li>• Tinsdale Agar Base (Cat. No. 278610)</li> </ul> 6 x 15 ml tubes.		
231121	30 ml	TTC Solution (1%, Sterile)
TTC Solution 1% (Triphenyltetrazolium Chloride) is ready for use in the preparation of culture media. For use with KF Streptococcus Agar (Cat. No. 249610). 231121: prepared tube 30 ml.		
223510	500 g	Universal Pre-enrichment Broth
Used for recovering sublethally injured <i>Salmonella</i> and <i>Listeria</i> species from food products. Traditional methods for recovering <i>Salmonella</i> and <i>Listeria</i> spp. from food products require separate pre-enrichment media for each micro-organism. Some broth media recommended for pre-enrichment contain antibiotic inhibitors or have insufficient buffering capacity which hinder recovery of sublethally injured cells.		
235310	100 ml	XLT4 Supplement
Added to inhibit growth of non- <i>Salmonella</i> organisms. To be used with: <ul style="list-style-type: none"> <li>• XLT4 Agar Base (Cat. No. 223420 and 223410).</li> </ul> 1 x 100 ml bottle.		



## Molecular Genetics Media: BD Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
244020	500 g	2×YT Medium (Yeast Extract Tryptone)
Formulation designed for growth and propagation of <i>E. coli</i> infected with the single strand filamentous bacteriophage M13.		
240110	500 g	LB Agar (Lennox)
A nutritionally rich media developed by Lennox for the growth and maintenance of pure cultures of recombinant strains of <i>E. coli</i> . These strains are generally derived from <i>E. coli</i> K12, which are deficient in B vitamin production. This strain of <i>E. coli</i> has been further modified through specific mutation to create an auxotrophic strain that is not capable of growth on nutritionally deficient media. LB Agar, Lennox provides all the nutritional requirements of these organisms. LB Agar, Lennox contains half the sodium chloride level of the Miller formulation of LB Agar. This allows the researcher to select the optimal salt concentration for a specific strain.		
244520	500 g	LB Agar (Miller)
244510	2 kg	LB (Luria-Bertani) Agar, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures. LB Agar, Miller is based on LB Medium as described by Miller for the growth and maintenance of <i>E. coli</i> strains used in molecular microbiology procedures. These are nutritionally rich media designed for growth of pure cultures of recombinant strains. <i>E. coli</i> grows more rapidly because they provide the cells with amino acids, nucleotide precursors, vitamins and other metabolites that the microorganism would otherwise have to synthesise.
240230	500 g	LB Broth (Lennox)
240210	2 kg	LB Broth, Lennox contains ten times the sodium chloride level of Luria Broth Base, Miller and one half of that found in LB Broth, Miller. This allows the researcher to select the optimal salt concentration for a specific strain. If desired, the medium may be aseptically supplemented with glucose to prepare the complete medium described by Lennox.

244620	500 g	LB Broth (Miller)
244610	2 kg	LB (Luria-Bertani) Broth, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures.
241420	500 g	Luria Broth Base (Miller)
		Luria Broth Base, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures with or without added glucose.
248510	500 g	M9 Minimal Salts (5×)
		Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of <i>Escherichia coli</i> . M9 Minimal Salts, 5× is a 5× concentrate that is diluted to a 1× concentration and supplemented with an appropriate carbon and energy source, such as dextrose, to provide a minimal, chemically defined medium. The medium will support the growth of "wild-type" strains of <i>E. coli</i> . M9 Minimal Salts is useful for maintaining positive selection pressure on plasmids coding for the ability to produce essential substances such as amino acids or vitamins. M9 Minimal Medium is also used to maintain stocks of F'-containing bacteria for use with M13. The medium can be supplemented with specific amino acids or other metabolites, allowing for selection of specific auxotrophs.
240410	500 g	NZCYM Broth
		For cultivation of molecular genetic strains of <i>E. coli</i> for replication of recombinant bacteriophage.
292438	500 g	BD Select APS™ - LB Broth Base
		BD Difco™ LB Broth Base (BD Select APS™ - Alternative Protein Source). For the propagation and maintenance of <i>E. coli</i> for molecular biology. Non-animal origin formulation, 500 g.
212485	500 g	BD Select APS™ - Super Broth Base
212486	10 kg	BD Select APS™ Super Broth is a molecular genetic medium that will grow <i>E. coli</i> to a high cell density. There is no glucose in the formulation thus preventing acetate build-up in the fermentation of the organism.
244310	500 g	SOB Medium
		For cultivation of molecular genetic strains of <i>E. coli</i> .
243820	500 g	Terrific Broth
243810	2 kg	For cultivation of molecular genetic strains of <i>E. coli</i> . Formulation developed to increase plasmid yield.
242720	500 g	YPD Agar
		For maintaining and propagating yeasts in molecular microbiology procedures. Dehydrated Appearance: Beige, free-flowing, homogeneous.
242820	500 g	YPD Broth
242810	2 kg	Propagation and maintenance of yeasts for use in molecular biology.
210932	500 g	Antibiotic Medium 3
		Penassay Broth.
210430	500 g	Tetrathionate Broth Base
		Use with Iodine Solution (Cat. No. 257199) as a selective enrichment medium for the isolation of <i>Salmonella</i> species from faeces, urine, foods and other materials of sanitary importance.

## BD Fermentation Products

### Meat Hydrolysates/Blends: BD Bacto™ - BBL™ - BiTek™ - Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
211059	500 g	Brain Heart Infusion
237500	500 g	BHI is a general-purpose medium used in the cultivation of fastidious and non-fastidious microorganisms, including aerobic and anaerobic bacteria, from a variety of clinical and non-clinical materials. It serves as a base for supplemented media containing 0.1% agar, Fildes enrichment or 6.5% sodium chloride. A supplemented pre-reduced formulation in tubes is especially recommended for the cultivation of anaerobes.



## BD Media Additives

### Chemicals: BD BBL™ - BD Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
214410	500 g	Asparagine Amino acid for chemical and microbiological usage.
266810	12 x 20 ml	Bovine Albumin (5%) Used to enrich media for cultivation a large variety of microorganisms and tissue cells. It is also known as bovine serum albumin or BSA. Bovine albumin can be added to normally sterile specimens, tissues and body fluids for direct inoculation onto culture media used for isolating mycobacteria. BSA is also used as an enrichment when contaminated specimens are digested. Prepared tubes, 12 x 20 ml.
215530	500 g	Dextrose Glucose Glucose, D (+), anhydrous. For incorporation into microbiological culture media as a source of energy for bacteria and for the determination of fermentation reactions. It is usually employed at a concentration of 0.5 to 1.0% in fermentation media.
216310	500 g	D-Galactose Carbohydrate; D-Galactose (+), anhydrous.
228210	100 g	Glycerol
228220	500 g	Highly purified alcohol used as a fixative in bacterial preservation media and in the isolation and cultivation of many organisms.
211874	10 x 100 ml	Haemoglobin Solution (2%) Ready for use in the preparation of media for the cultivation of fastidious organisms. 10 x 100 ml Bottles.
216410	100 g	Inositol Carbohydrate; Inositol, Mesoinositol, neither D nor L.
216830	500 g	Maltose Maltose (+), monohydrate. For use in microbiological culture media in the study of fermentation reactions of bacteria. It is usually employed at a 0.5 to 1.0% concentration in fermentation media.
212820	500 g	Oxgall Oxgall is dehydrated bile used for preparing microbiological culture media, especially for selective media used to differentiate groups of bile-tolerant bacteria. Oxgall is used as a selective agent for the isolation of Gram-negative microorganisms, inhibiting Gram-positive bacteria. The major components of Oxgall are taurocholic and glycocholic acids.

211925	100 ml	Polysorbate 80	Surface-activating ingredient. Use in Fluorescent Treponemal Antibody (FTA-ABS) diluents, for incorporation into microbiological culture media and other reagents to enhance their productivity and reactivity. Serves as a neutraliser of preservatives, allowing microorganisms to replicate. 100 ml Bottle.
217410	100 g	Raffinose	D-Raffinose, pentahydrate.
231181	100 g	Tween® 80 - Polysorbate 80	Polysorbate 80, U.S.P. It is used to prepare 2% Tween® 80, which acts as a dispersing agent.

# Direct Testing Systems & Serology



## Direct Testing Systems & Serology

### BD Rapid Manual Tests

BD Directigen™ Test Systems . . . . .	42
BD Staphyloslide™ Staphylococcus aureus Tests . . . . .	42
BD Stool Diagnostics . . . . .	42
BD Streptococcus Tests . . . . .	43

### BD Serology Diagnostics

BD Directigen™ & BD VZVscan™ Viral Diagnostic Testing Systems . . . . .	43
BD Macro-Vue™ RPR Components . . . . .	45
BD Macro-Vue™ RPR Controls . . . . .	45
BD Macro-Vue™ RPR Kits . . . . .	46
BD Syphilis Reagents . . . . .	46

# Direct Testing Systems & Serology



## BD Rapid Manual Tests

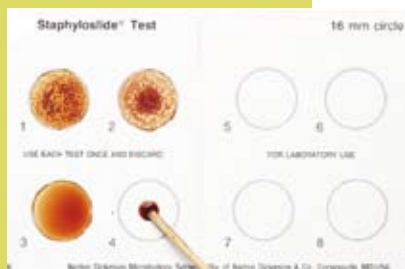
### BD Directigen™ Test Systems

PRODUCT CODE	SIZE	DESCRIPTION
252360	30 tests	BD Directigen™ - Meningitis Combo Test Kit

BD Directigen™ Meningitis Combo Test is a presumptive latex agglutination test for the direct qualitative detection of antigens to *H. influenzae* type b, *S. pneumoniae*, Group B streptococcus, *N. meningitidis* Groups A, B, C, Y or W135, and *Escherichia coli* K1 in cerebrospinal fluid (CSF), serum, urine or blood culture media. In addition, the test kit provides confirmation and serogrouping capabilities from suspected colonies of *H. influenzae* type b, *S. pneumoniae*, Group B streptococcus, and *N. meningitidis* Groups A/Y, B or C/W135. Visible agglutination occurs when a sample containing any of these bacterial antigens reacts with the respective antibody-coated latex beads.

30 patient tests, 60 controls - 90 determinations containing:

- one 9 ml bottle Positive Control
- one 9 ml bottle Negative Control
- one 1 ml bottle *H. influenzae* type b antibody, Reagent 1
- one 1 ml bottle *S. pneumoniae* antibody, Reagent 2
- one 1 ml bottle Group B streptococcus antibody, Reagent 3
- one 1 ml bottle *N. meningitidis* Groups C and W135 antibody, Reagent 4
- one 1 ml bottle *N. meningitidis* Groups A and Y antibody, Reagent 5
- one 1 ml bottle *N. meningitidis* Group B/E. coli K1 antibody, Reagent 6
- one 8 ml bottle Specimen B one 0.5 mL bottle control latex Reagent A (rabbit)
- one 0.5 ml bottle control latex Reagent B (mouse) 30 single use test cards
- plastic stirrers, workstation and procedure chart



### BD Staphyloslide™ Staphylococcus aureus Tests

PRODUCT CODE	SIZE	DESCRIPTION
240952	100 tests	BD Staphyloslide™ - Latex Test Kit

The BD Staphyloslide™ Latex Test is a latex slide agglutination test for the differentiation of staphylococci which possess clumping factor and/or Protein A, usually present with *Staphylococcus aureus*, from staphylococci that do not possess these properties.



### BD Stool Diagnostics

PRODUCT CODE	SIZE	DESCRIPTION
274030	30 tests	BD ColorPAC™ - Toxin A Test Kit

BD ColorPAC™ Toxin A Test is a rapid chromatographic assay for the qualitative detection of *Clostridium difficile* toxin A (enterotoxin) in stool specimens from patients suspected of having *C. difficile*-associated disease. The test can also be used for confirmation of suspect colonies of toxigenic *C. difficile* from agar plates or BHI broth. This assay is intended for use as an aid in the diagnosis of *C. difficile*-associated disease.

(30 tests) *C. difficile* Toxin A Test containing:

- one bottle Sample Buffer, Reagent 1
- one bottle Detector A, Reagent 2
- one bottle Detector B, Reagent 3
- one bottle Wash Reagent, Reagent W
- one bottle Positive Control Control+
- one bottle Negative Control Control-
- 30 Test Devices
- 30 SQ-EASY tubes and fibre tips
- each 30 applicator sticks and transfer pipettes
- 1 dropper rod

## BD Streptococcus Tests

PRODUCT CODE	SIZE	DESCRIPTION
240950	50 tests	BD Streptocard™ - Enzyme Latex Test Kit

Used for identification of Lancefield streptococcal groups A, B, C, F and G from streptococcus colonies that are β-haemolytic and non-haemolytic. The BD Streptocard™ Enzyme Latex Test latex particles are sensitised with group specific antibody and will agglutinate in the presence of homologous antigen. In the absence of such antigen, the latex particles will remain in a smooth suspension. The use of a patented enzymatic extraction in the BD Streptocard™ Enzyme Latex Test procedure considerably shortens the time required for antigen extraction and improves the antigen yield. Test Latex A, B, C, D, F and G consist of blue latex particles sensitised with rabbit antibody to appropriate group specific antigen, suspended in buffer containing 0.1% sodium azide (preservative). Contains reagents for 50 tests.

## BD Serology Diagnostics

### BD Directigen™ & BD VZVscan™ Viral Diagnostic Testing Systems

PRODUCT CODE	SIZE	DESCRIPTION
253020	20 tests	BD Directigen™ - RSV Test Kit
		<p><i>In vitro</i> enzyme immunoassay (EIA) membrane test for the rapid and qualitative detection of RSV (Respiratory Syncytial Virus) antigen directly from naso-pharyngeal specimens.</p> <p>(20 tests) containing:</p> <ul style="list-style-type: none"> <li>• one 4.5 ml bottle Extraction Reagent A</li> <li>• one 7 ml bottle Wash Reagent 1</li> <li>• one 3.5 ml bottle Detector Reagent 2</li> <li>• one 13.5 ml bottle Wash Reagent 3</li> <li>• one 7 ml bottle Substrate A, Reagent 4</li> <li>• one 7 ml bottle Substrate B, Reagent 5</li> <li>• one 7 ml bottle Stop Reagent 6</li> <li>• one 1 ml bottle Positive Control</li> <li>• one 1 ml bottle Negative Control</li> <li>• 20 BD ColorPAC™ devices with flow control units</li> <li>• BD DispensTube™ devices</li> </ul>
253040	40 tests	BD Directigen™ - RSV Test Kit
		<p><i>In vitro</i> enzyme immunoassay (EIA) membrane test for the rapid and qualitative detection of RSV (Respiratory Syncytial Virus) antigen directly from naso-pharyngeal specimens.</p> <p>(40 tests) containing:</p> <ul style="list-style-type: none"> <li>• one 4.5 ml bottle Extraction Reagent A</li> <li>• one 7 ml bottle Wash Reagent 1</li> <li>• one 7 ml bottle Detector Reagent 2</li> <li>• one 13.5 ml bottle Wash Reagent 3</li> <li>• one 7 ml bottle Substrate A, Reagent 4</li> <li>• one 7 ml bottle Substrate B, Reagent 5</li> <li>• one 7 ml bottle Stop Reagent 6</li> <li>• one 1 ml bottle Positive Control</li> <li>• one 1 ml bottle Negative Control</li> <li>• 40 BD ColorPAC™ devices with flow control units</li> <li>• BD DispensTube™ devices</li> </ul>
254126	30 determ.	BD VZVscan™ - Card Test Kit
		<p>This is a qualitative and quantitative latex agglutination assay which utilises polystyrene particles sensitised with partially purified, attenuated varicella-zoster virus (VZV) antigens for the detection of total VZV antibodies in human serum.</p> <p>(30 determinations) containing:</p> <ul style="list-style-type: none"> <li>• one 0.5 ml bottle Latex Antigen, Reagent A</li> <li>• one 5.0 ml bottle Card Dilution Buffer, Reagent B</li> <li>• one 0.5 ml bottle High Reactive Control</li> <li>• one 0.5 ml bottle Low Reactive Control</li> <li>• one 0.5 ml bottle Non-reactive Control</li> <li>• 5 test cards, 12 spot plastic stirrers</li> </ul>





254201	100 determ.	<b>BD VZVscan™ - Card Test Kit</b>  Varicella-Zoster Virus Antibody Card Test. (100 determinations) containing: <ul style="list-style-type: none"> <li>• one 1.6 ml bottle Latex Antigen, Reagent A</li> <li>• one 20 ml bottle Card Dilution Buffer, Reagent B</li> <li>• one 0.5 ml bottle High Reactive Control</li> <li>• one 0.5 ml bottle Low Reactive Control</li> <li>• one 0.5 ml bottle Non-reactive Control</li> <li>• 8 test cards, 35 spot plastic stirrers</li> </ul>
256010	20 tests	<b>BD Directigen™ - Flu A+B Test Kit</b>  BD Directigen™ Flu A+B test is a rapid <i>in vitro</i> immunoassay membrane test for the direct and qualitative detection of influenza A and B viral antigens from naso-pharyngeal wash, naso-pharyngeal aspirate, naso-pharyngeal swab, lower nasal swab, throat swab and bronchoalveolar lavage specimens of symptomatic patients. The BD Directigen™ Flu A+B test is a differentiated test, and therefore influenza A viral antigens can be distinguished from influenza B viral antigens in a single test. The test is to be used as an aid in the diagnosis of influenza A and B viral infections. Negative test results should be confirmed by cell culture. The BD Directigen™ Flu A+B test is not intended for detection of influenza C. (20 tests) containing: <ul style="list-style-type: none"> <li>• one 9.9 ml bottle Extraction Reagent E</li> <li>• one 5.1 ml bottle Wash Reagent 1</li> <li>• one 2.3 ml Detection Reagent 2</li> <li>• one 2.3 ml bottle Detection Reagent 3</li> <li>• one 6.5 ml bottle Wash Reagent 4</li> <li>• one 10.5 ml bottle Wash Reagent 5</li> <li>• one 5.8 Substrate Reagent 6</li> <li>• one 4.1 ml bottle Stop Reagent 7</li> <li>• one 2.0 ml bottle Control A+/B</li> <li>• one 2.0 ml bottle Control B+/A</li> <li>• each one bag of 20 BD DispensTube™ Tubes and 20 BD DispensTube™ Tips</li> <li>• one 20 pack BD ColorPac™ Devices</li> </ul>
256020	20 tests	<b>BD Directigen™ - Flu A Test Kit</b>  The BD Directigen™ Flu A Test is an <i>in vitro</i> immunoassay membrane test for the direct rapid and qualitative detection of influenza A viral antigen from suitable specimens of symptomatic patients. Naso-pharyngeal wash and aspirate specimens have been shown to be superior to naso-pharyngeal and throat swab specimens and are the specimens of choice with the BD Directigen™ Flu A Test. (20 tests) containing: <ul style="list-style-type: none"> <li>• one 5.0 ml bottle Extraction Reagent A</li> <li>• one 7.5 ml bottle Wash Reagent 1</li> <li>• one 4.7 ml bottle Wash Reagent 2</li> <li>• one 4.3 ml bottle Detector Reagent 3</li> <li>• one 7.5 ml bottle Wash Reagent 4</li> <li>• one 7.3 ml bottle Wash Reagent 5</li> <li>• one 4.5 ml bottle Substrate A, Reagent 6</li> <li>• one 3.9 ml bottle Substrate B, Reagent 7</li> <li>• one 4.1 ml bottle Stop Reagent 7</li> <li>• each one 2.0 ml bottle Positive Control and Negative Control</li> <li>• 20 BD ColorPAC™ devices with flow control units</li> <li>• BD DispensTube™ devices</li> </ul>
256030	30 tests	<b>BD Directigen™ EZ - RSV Test Kit</b>  The BD Directigen™ EZ RSV test is a rapid chromatographic immunoassay for the direct and qualitative detection of Respiratory Syncytial Virus (RSV) antigen in naso-pharyngeal washes, naso-pharyngeal aspirates, naso-pharyngeal swabs and naso-pharyngeal swab/washes from patients suspected of having a viral respiratory infection. This test is intended for <i>in vitro</i> diagnostic use to aid in the diagnosis of Respiratory Syncytial Virus (RSV) infections in neonatal and paediatric patients under the age of 20. It is recommended that negative test results be confirmed by cell culture. (30 tests ) containing: <ul style="list-style-type: none"> <li>• one 4.5 ml bottle Extraction Reagent E</li> <li>• one 2.0 ml bottle Positive Control</li> <li>• one 2.0 ml bottle Negative Control</li> <li>• 30 BD Directigen™ EZ RSV Devices</li> <li>• each 30 BD DispensTube™ Tubes and BD DispensTube™ Tips</li> </ul>

## BD Macro-Vue™ RPR Components

PRODUCT CODE	SIZE	DESCRIPTION
270333	3 x 3 ml	BD Macro-Vue™ RPR Card - Antigen Suspension  These Cards are a component of the BD Macro-Vue™ RPR Card Tests (Qualitative and Quantitative) which is for the serological detection of syphilis. RPR Card Antigen Suspension is a reagent component part used in performing the BD Macro-Vue™ RPR (Rapid Plasma Reagin) 18 mm Circle and Teardrop Card Tests which are nontreponemal testing procedures for the serological detection of syphilis and are described in A Manual of Tests for Syphilis. The test techniques described in this manual are the most widely used in the United States and have been thoroughly evaluated and standardised. Suspension (dated and refrigerated product): 270133: 1 ml ampule, for use with the Teardrop Card Test, Box of three.
271849	300 x 10	BD Macro-Vue™ RPR Card - Brewer Diagnostic  For qualitative determination with 10, 15 and resp. 30 spot cards of 18 mm circle.
272001	100 x 30	BD Macro-Vue™ RPR Card - Brewer Diagnostic  For qualitative determination with 10, 15 and resp. 30 spot cards of 18 mm circle.
277979	1 pc.	BD Macro-Vue™ RPR Card - Test Rotator Accessories Package  Package contains: One 7 x 15" rotator extension top, two humidifying covers.

## BD Macro-Vue™ RPR Controls

PRODUCT CODE	SIZE	DESCRIPTION
276709	10 cards	BD Macro-Vue™ RPR - Control Cards  BD Macro-Vue™ RPR Card Test Control Cards are dehydrated control specimens of predetermined reactivity for quality-control testing of antigen before use in performing the BD Macro-Vue™ RPR Card Tests for the serological detection of syphilis. The Cards were designed for routine, daily use as check-test specimens to determine the acceptable reactivity of RPR Card antigen suspension. RPR Card antigen is a cardiolipin type antigen, which detects "reagin", an antibody-like substance present in serums from syphilitic persons, and occasionally in serums of persons with other acute and chronic conditions. The RPR 18 mm Circle Card Test Control Card consists of three circles designated as: Reactive, Reactive minimal-to-moderate and Non-reactive. The labelled areas on this card contain graded reactivity specimens. The specimen material is human plasma purchased from licensed blood banks as Reactive or Non-reactive for syphilis.
276909	1	BD Macro-Vue™ RPR - Liquid Controls  BD Macro-Vue™ RPR (Rapid Plasma Reagin) Card Test Liquid Controls are designed as an unassayed control material to monitor, at three reaction levels, the precision of BD Macro-Vue™ RPR 18 mm Circle Card Test. RPR Test Reagents should be routinely tested for patterns of graded reactivity against controls with established patterns of reactivity. Contains pooled human serum with 0.1% sodium azide as a preservative. Control ++, 1.5 ml BD Macro-Vue™ RPR Card Test Reactive Control Serum Positive. Control +, 1.5 ml BD Macro-Vue™ RPR Card Test Moderately Reactive Control Serum Weakly Positive. Control -, 1.5 ml BD Macro-Vue™ RPR Card Test Negative Control Serum Negative Control.

## BD Macro-Vue™ RPR Kits

PRODUCT CODE	SIZE	DESCRIPTION
274449	300 tests	<b>BD Macro-Vue™ RPR - Card Test Kit No. 104</b>  Nontreponemal testing procedure for the serological detection of syphilis. (300 qualitative tests) containing: <ul style="list-style-type: none"> <li>• 2 x 3 ml ampules antigen</li> <li>• 20 G dispensing needle</li> <li>• antigen dispensing bottle</li> <li>• stirrers, 30 cards with 10 x 18 mm circle spots each</li> <li>• 300 x 0.05 ml capillaries</li> </ul>
275005	500 tests	<b>BD Macro-Vue™ RPR - Card Test Kit No. 110</b>  Nontreponemal testing procedure for the serological detection of syphilis. (500 qualitative tests) containing: <ul style="list-style-type: none"> <li>• 3 x 3 ml ampules antigen</li> <li>• 20 G dispensing needle</li> <li>• antigen dispensing bottle</li> <li>• 50 cards with 10 x 18 mm circle spots each</li> <li>• BD Dispensstirs™ devices, 0.05 ml delivery</li> </ul>
275239	150 tests	<b>BD Macro-Vue™ RPR - Card Test Kit No. 112</b>  Nontreponemal testing procedure for the serological detection of syphilis. (150 quantitative tests) containing: <ul style="list-style-type: none"> <li>• 5 x 3 ml ampules antigen</li> <li>• 20 G dispensing needle</li> <li>• antigen dispensing bottle</li> <li>• stirrers, 50 cards (quantitative) with 15 x 18 mm circle spots each</li> <li>• 150 x 0.05 ml capillaries</li> </ul>

## BD Syphilis Reagents

PRODUCT CODE	SIZE	DESCRIPTION
240764	5 ml	<b>VDRL Cardioplin Antigen</b>  With 60 ml VDRL buffered saline. This reagent is used in the qualitative and quantitative determination in the following nontreponemal serological tests for syphilis: VDRL Slide Qualitative Test with Serum, VDRL Slide Quantitative Test with Serum, VDRL Slide Qualitative Test with Cerebrospinal Fluid, VDRL Slide Quantitative Test with Cerebrospinal Fluid. The VDRL antigen has been standardised by comparison with an antigen of known reactivity to produce standard reactivity in the tests listed above. The VDRL Buffered Saline is for the preparation of antigen emulsion for the VDRL and the tube flocculation tests.

# Environmental Systems



# Environmental Systems

## **BD Bio-Bag™**

BD Bio-Bag™ Type C . . . . .	50
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## **BD GasPak™ 100 & BD GasPak 150 Systems**

BD GasPak™ 100 & 150 Equipment . . . . .	50
BD GasPak™ Disposable Indicators . . . . .	51
Gas Generator Envelopes for BD GasPak™ 100 & 150 Systems . . . . .	51

## **BD GasPak™ EZ Products**

BD GasPak™ EZ Container Systems . . . . .	52
BD GasPak™ EZ Pouch Systems . . . . .	53

# Environmental Systems

## BD Bio-Bag™ Disposable Indicators

PRODUCT CODE	SIZE	DESCRIPTION
261510	50	Bio-Bag™ Type C

A disposable environmental system designed to generate a CO<sub>2</sub>-enriched environment. Contains 50 CO<sub>2</sub> Gas Generators and 50 Bio-Bag™ Type C environmental chambers

## BD GasPak™ 100 & 150 System

### BD GasPak™ 100 & 150 Equipment

PRODUCT CODE	SIZE	DESCRIPTION
260411	1	BD GasPak™ 100 - Lid
		With improved clamp/thumbscrew assembly, "O" ring gasket, and catalyst reaction chamber, with two catalyst charges.
260610	1	BD GasPak™ 150 - Lid Assembly
		Consists of outer lid and thumb screw, inner lid, large "O" ring gasket, three catalyst reaction chambers and six catalyst charges.
260626	1	BD GasPak™ 100 - System Complete
		Consists of polycarbonate jar, lid with "O" ring gasket, improved clamp/thumbscrew assembly and catalyst reaction chamber, two catalyst charges, one rack and one tube holder.
260628	1	BD GasPak™ 150 - Anaerobic System Complete (Large)
		Consists of polycarbonate jar (non-vented), lid assembly with "O" ring gasket and catalyst reaction chambers (3 each), ten catalyst charges, one rack and one tube holder.
260637	1	BD GasPak™ 100 - Lid without O-Ring
		Without clamp screw, catalyst reaction chamber or catalyst charges.
260638	1	BD GasPak™ 100 - Vented Lid
		Without clamp, clamp screw, catalyst reaction chamber, catalyst charges or rubber tube and tubing clamp.
270124	1	BD GasPak™ 150 - Inner Lid
		Without outer lid and thumbscrew, catalyst reaction chambers or catalyst charges.
260463	1	BD GasPak™ 100 - Polycarbonate Jar without Lid
260607	1	BD GasPak™ 150 - Anaerobic Jar without Lid (Large)
260413	1	BD GasPak™ 100 - "O" Ring Gasket
		For BD GasPak™ 100 Lid.
270303	10	Catalyst Replacement Charges
		For use with the BD BBL™ GasPak™ Anaerobic Systems
260414	1	BD GasPak™ 100 - Improved Clamp/Thumbscrew Assembly

## BD GasPak™ Disposable Indicators

PRODUCT CODE	SIZE	DESCRIPTION
271051	100 strips	BD GasPak™ - Dry Anaerobic Indicator Strips  Contains a dry indicator pad that changes from blue to colourless in the absence of oxygen.
271055	50 strips	BD GasPak™ - CO <sub>2</sub> Indicator Strips  CO <sub>2</sub> Indicator Reagent Droppers: Indicates when an ideal carbon dioxide-enriched environment has been achieved.

## Gas Generator Envelopes for BD GasPak™ 100 & 150

PRODUCT CODE	SIZE	DESCRIPTION
271040	10	BD GasPak™ Plus - Disposable Hydrogen + Carbon Dioxide Generator Envelope  BD GasPak™ Plus is an improved disposable hydrogen and carbon dioxide generating envelope with catalyst sachet that produces an atmosphere in BD GasPak™ jars suitable to support the primary isolation and cultivation of anaerobic bacteria. Contains: BD GasPak™ Plus Anaerobic System Envelopes with Palladium Catalyst, Disposable H <sub>2</sub> + CO <sub>2</sub> Generator Envelopes, Pkg. of 10 envelopes. Each BD GasPak™ disposable hydrogen + carbon dioxide generator envelope consists of: <ul style="list-style-type: none"> <li>• One Sodium Borohydride Tablet</li> <li>• One Sodium Bicarbonate Plus Citric Acid Tablet</li> <li>• One Filter Paper (piece)</li> <li>• Palladium Catalyst Sachet</li> </ul>
271041	1	BD GasPak™ Plus - Bulk Kit  BD GasPak™ Plus is an improved disposable hydrogen and carbon dioxide generating envelope with catalyst sachet that produces an atmosphere in BD GasPak™ jars suitable to support the primary isolation and cultivation of anaerobic bacteria. Contains: BD GasPak™ Plus Anaerobic System Envelopes with Palladium Catalyst, Disposable H <sub>2</sub> + CO <sub>2</sub> Generator Envelopes, Pkg. of 100 envelopes (100 BD GasPak™ Dry Anaerobic Indicators also provided). Each BD GasPak™ disposable hydrogen + carbon dioxide generator envelope consists of: <ul style="list-style-type: none"> <li>• One Sodium Borohydride Tablet</li> <li>• One Sodium Bicarbonate Plus Citric Acid Tablet</li> <li>• One Filter Paper (piece)</li> <li>• Palladium Catalyst Sachet</li> </ul>
271045	10	BD CampyPak™ Plus - Disposable Hydrogen + Carbon Dioxide Generator Envelope  BD CampyPak™ Plus is a system for generating a reduced oxygen, enriched carbon dioxide environment within BD GasPak™ jars. When properly activated and incubated, the envelope will rapidly produce conditions conducive to the primary isolation and cultivation of microaerophilic organisms, such as <i>Campylobacter jejuni</i> , <i>C. coli</i> and <i>C. foetus</i> subsp. <i>foetus</i> . The actual atmosphere in the BD GasPak™ system will vary according to the number of inoculated plates and on the elevation of the laboratory above sea level. Contains: BD CampyPak™ Plus Microaerophilic System Envelopes with Palladium Catalyst, Disposable H <sub>2</sub> + CO <sub>2</sub> Generator Envelopes, Pkg. of 10 envelopes. Each BD CampyPak™ Plus with Palladium Catalyst disposable hydrogen + carbon dioxide generator envelope consists of: <ul style="list-style-type: none"> <li>• One Sodium Borohydride Tablet</li> <li>• One Sodium Bicarbonate Plus Citric Acid Tablet</li> <li>• One Filter Paper (piece)</li> <li>• Palladium catalyst Sachet</li> </ul>



## BD GasPak™ EZ Products

### BD GasPak™ EZ Container Systems

PRODUCT CODE	SIZE	DESCRIPTION
260671	15 plates	BD GasPak™ EZ - Incubation Container  BD GasPak™ EZ Container Systems offer waterless, catalyst-free convenience for use in producing anaerobic, microaerophilic or CO <sub>2</sub> -enriched environments. Available in two convenient sizes, BD GasPak™ Incubation Containers are constructed of non-breakable, chemical resistant material designed to maintain a desired environment throughout incubation. 260671: Standard Incubation Container; holds up to 15/18 Petri dishes.
260672	30 plates	BD GasPak™ EZ - Incubation Container  BD GasPak™ EZ Container Systems offer waterless, catalyst-free convenience for use in producing anaerobic, microaerophilic or CO <sub>2</sub> -enriched environments. Available in two convenient sizes, BD GasPak™ Incubation Containers are constructed of non-breakable, chemical resistant material designed to maintain a desired environment throughout incubation. 260672: Large Incubation Container; holds up to 30/33 dishes.
260673	1 rack	BD GasPak™ EZ - Container Rack  Removable BD GasPak™ EZ Container Racks are available to secure Petri dishes and ease workflow. 260673: The STANDARD Rack is designed to hold up to 18 Petri dishes.
260674	1 rack	BD GasPak™ EZ - Container Rack  Removable BD GasPak™ EZ Container Racks are available to secure Petri dishes and ease workflow. 260674: The LARGE Rack is designed to hold up to 33 dishes.
260678	20 sachets	BD GasPak™ EZ - Anaerobe Container System Sachets  BD GasPak™ EZ Container System Sachets are sold in packages of 20 sachets and are available for the generation of anaerobic, microaerophilic or CO <sub>2</sub> enriched environments. The sachets are activated immediately upon opening of the outer foil packaging and do not require the addition of water or catalyst. Contains 20 anaerobe container sachets.
260001	20 sachets	GasPak™ EZ Anaerobe Container System Sachets with Indicator  Anaerobic gas generation sachet. No water or catalyst needed, sachet is activated upon removal from its foil wrapper.
260679	20 sachets	BD GasPak™ EZ - CO <sub>2</sub> Container System Sachets  For the generation of CO <sub>2</sub> enriched environments.
260680	20 sachets	BD GasPak™ EZ - Campy Container System Sachets  For the generation of microaerophilic environments.

# BD GasPak™ EZ Pouch Systems

PRODUCT CODE	SIZE	DESCRIPTION
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260683	20 pouches	BD GasPak™ EZ - Anaerobe Pouch System
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BD GasPak™ EZ Pouch Systems offer the convenience of pouches integrated into a complete kit with everything you need to generate a pouch based anaerobic, microaerophilic or CO<sub>2</sub>-enriched environment. Anaerobic indicators are provided with the BD GasPak™ EZ Anaerobic Pouch System. The BD GasPak™ EZ Pouch Systems feature one-step re-sealable pouches, which have been specially designed to maximise the preservation of the desired environment throughout incubation. The System is also waterless and catalyst free, it contains:

- 20 sachets
- 20 re-sealable pouches
- 20 Dry Anaerobic Indicators

260684	20 pouches	BD GasPak™ EZ - CO <sub>2</sub> Pouch System
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For the generation of CO<sub>2</sub> enriched environments. Containing 20 sachets and 20 re-sealable pouches.

260685	20 pouches	BD GasPak™ EZ - BD CampyPouch™ System
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For the generation of microaerophilic environments. Contains 20 sachets and 20 re-sealable pouches.



# Identification & Susceptibility Testing



# Identification & Susceptibility Testing

## BD Manual Identification

BD Crystal™ Accessories . . . . .	56
BD Crystal™ Test Kits . . . . .	57
BD Dryslide™ . . . . .	58
BD Enterotube™ Testing Systems . . . . .	58

## BD Microtrol™ Quality Control Organisms

BD Microtrol™ Single Strains . . . . .	59
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## BD Phoenix™ Automated Identification & Susceptibility Testing

BD Phoenix™ Instrument & Accessories . . . . .	60
BD Phoenix™ Gram Negative Combo Panels . . . . .	61
BD Phoenix™ Gram Positive Combo Panels . . . . .	61
BD Phoenix™ ID Only Panels . . . . .	62
BD Phoenix™ Streptococci . . . . .	62

## BD Sensi-Disc™ Manual Susceptibility Testing

BD Sensi-Disc™ Antimycobacterial Discs For Use In Culture Media . . . . .	63
BD Sensi-Disc™ Dispensers . . . . .	63
BD Sensi-Disc™ For Veterinary Laboratory Use . . . . .	64
BD Sensi-Disc™ In A Glass Vial . . . . .	64
BD Sensi-Disc™ In Blister Packs . . . . .	65

## BD Taxo™ Manual Differentiation

BD Taxo™ Antibiotic Detection Discs . . . . .	68
BD Taxo™ Carbohydrate Discs . . . . .	69
BD Taxo™ Differentiation Discs & Strips . . . . .	69

# Identification & Susceptibility Testing



## BD Manual Identification

### BD Crystal™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
245015	1	<b>BD CrystalSpec™ - Standards</b>  One set contains a BD CrystalSpec™ calibration blank (0 McFarland) and a BD CrystalSpec™ calibration standard (2.0 McFarland). Used for the proper calibration of a BD CrystalSpec™ Nephelometer.
245016	1	<b>BD Crystal™ - Colour Reaction Charts</b>  Used for the manual interpretation of the colour reactions of the various BD Crystal™ identification kits.
245032	1	<b>BD Crystal™ - Panel Viewer</b>  The BD Crystal™ Panel Viewer can be used for the manual interpretation of all BD Crystal™ kits. With integrated UV lamp for the evaluation of chromogenic and fluorogenic reactions. European Model, 220 V, 50 Hz.
245034	1	<b>BD Crystal™ - Panel Viewer Longwave UV Tube</b>  UV Lamp for BD Crystal™ Panel Viewer (Cat. No. 245032).
245036		<b>BD Crystal™ - Panel Viewer White Light Tube</b>  White Light Tube for BBL Crystal™ Panel Viewer.
440910	1	<b>BD PhoenixSpec™ - Nephelometer</b>  A battery-powered, portable device designed for measuring inoculum density in McFarland units. The device is accurate from 0.5-4 McFarland units in increments of 0.1 units. The instrument can be used for any laboratory procedure that requires inoculum density adjustments within this range. Includes a calibration blank (0 McFarland), calibration standard (2.0 McFarland), low volume sample adaptor and a battery. Used with BD PhoenixSpec™-Calibration Standards, Cat. No. 440911.
440984		<b>PhoenixSpec™ 240V AC Adapter</b>
441010	1	<b>BD Crystal™ - MIND Software</b>  The BD Crystal™ MIND (Microbiology Interactive Database) software is designed to identify clinically relevant bacteria. BD Crystal™ MIND provides identification of the unknown organism run in a panel by mathematically interpreting the BD Crystal™ profile number and off-line test results and evaluating the results against the organisms contained in the appropriate CrystalMind database. For use with BD Crystal™ AutoReader or alone for manual reading.
245002	1	<b>BBL™ Crystal™ Enteric/Nonfermenter Manual Codebook</b>  Code-book for interpretation of results from Crystal™ Enteric/Nonfermenter ID panels.



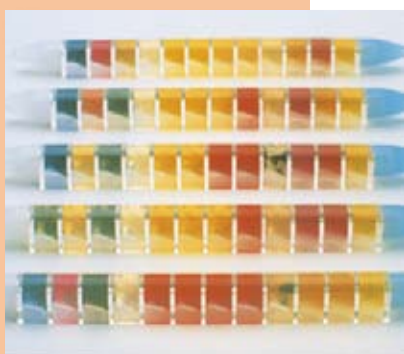
## BD Crystal™ Test Kits

PRODUCT CODE	SIZE	DESCRIPTION
245000	20 tests/kit	<b>BD Crystal™ - Enteric/Nonfermenter ID Kit</b> <p>For the identification of aerobic Gram-negative bacteria that belong to the family Enterobacteriaceae as well as some of the more frequently isolated glucose fermenting and non-fermenting Gram-negative bacilli. This kit is a miniaturised identification method. Many of the tests used are modifications of classical methods. These include tests for fermentation, oxidation, degradation and hydrolysis of various substrates. In addition, there are chromogen linked substrates to detect enzymes that microbes use to metabolise various substrates.</p> <p>The kit contains:</p> <ul style="list-style-type: none"> <li>• 20 panel lids</li> <li>• 20 panel bases</li> <li>• 20 inoculum tubes</li> <li>• 2 incubation trays</li> <li>• 1 result pad</li> </ul>
245010	20 tests/kit	<b>BD Crystal™ - Anaerobe ID Kit</b> <p>Intended for the identification of clinically significant anaerobic bacteria in 4 hours. Separate databases for Schaedler Blood Agar, CDC Anaerobe Blood Agar and Alternate Blood Agars are included for improved specificity.</p> <p>The kit contains:</p> <ul style="list-style-type: none"> <li>• 20 panel lids</li> <li>• 20 panel bases</li> <li>• 20 inoculum tubes</li> <li>• 2 incubation trays</li> <li>• 1 result pad</li> </ul>
245029	10 tubes	<b>BD Crystal™ - Enteric/Stool ID Inoculum Fluid</b> <p>Additional ID inoculum broth tubes for use with BD Crystal™ E/NF (Cat. No. 245000).</p>
245038	10 tubes	<b>BD Crystal™ - Inoculum Fluid</b> <p>Additional ID inoculum broth tubes for use with:</p> <ul style="list-style-type: none"> <li>• BD Crystal™ ANR (Cat. No. 245010)</li> <li>• Gram-Positive (Cat. No. 245240)</li> <li>• Rapid Gram-Positive (Cat. No. 245250) &amp;</li> <li>• Neisseria/Haemophilus ID kits (Cat. No. 245130)</li> </ul>
245130	20 tests/kit	<b>BD Crystal™ - Neisseria/Haemophilus ID Kit</b> <p>This Kit is a miniaturised identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated <i>Neisseria</i> and <i>Haemophilus</i> species as well as several other fastidious bacteria. The kit identifies 35 organisms from multiple media. The kit contains:</p> <ul style="list-style-type: none"> <li>• 20 panel lids</li> <li>• 20 panel bases</li> <li>• 20 inoculum tubes</li> <li>• 2 incubation trays as well as</li> <li>• 1 result pad</li> </ul>
245140	20 tests/kit	<b>BD Crystal™ - Gram-Positive ID Kit</b> <p>This system is a miniaturised identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated aerobic Gram-positive bacteria.</p> <p>The kit contains:</p> <ul style="list-style-type: none"> <li>• 20 panel lids</li> <li>• 20 panel bases</li> <li>• 20 inoculum tubes</li> <li>• 2 incubation trays as well as</li> <li>• 1 result pad</li> </ul>
245150	20 tests/kit	<b>BD Crystal™ - Rapid Gram-Positive ID Kit</b> <p>This System is a miniaturised identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated aerobic Gram-positive bacteria. The kit identifies 88 Gram-positive organisms from multiple media.</p> <p>The kit contains:</p> <ul style="list-style-type: none"> <li>• 20 panel lids</li> <li>• 20 panel bases</li> <li>• 20 inoculum tubes</li> <li>• 2 incubation trays as well as</li> <li>• 1 result pad</li> </ul>



## BD DrySlide™

PRODUCT CODE	SIZE	DESCRIPTION
231746	75 slides	<b>BD DrySlide™ - Oxidase</b>  Used for determining the oxidase reaction of bacteria; 25 x 3 slides. The oxidase test is a qualitative procedure for determining the presence or absence of cytochrome c oxidase activity in bacteria. This activity is dependent on the presence of an intracellular cytochrome oxidase system that catalyses the oxidation of cytochrome c by molecular oxygen, which then serves as the terminal electron acceptor in the organism's electron transport system. Organisms containing cytochrome c as part of their respiratory chain are oxidase positive and turn the reagent purple; organisms lacking cytochrome c as part of their respiratory chain do not oxidise the reagent, leaving it colourless within the time limits of the test, and are oxidase negative.
231747	15 slides	<b>BD DrySlide™ - PYR Kit</b>  BD DrySlide™ PYR is a disposable slide format for the presumptive identification of group A streptococci and enterococci. Contains the reagent L-pyrrolidonyl-β-naphthylamide (PYR) which is hydrolysed by bacteria possessing the enzyme pyrrolidonyl amino peptidase. The addition of the BD DrySlide™ PYR Colour Developer, which is provided in convenient crush ampules, results in a vivid colour reaction in a 3 minute test. 60 tests consisting of: <ul style="list-style-type: none"> <li>• 15 BD DrySlide™ PYR Slides</li> <li>• 15 x 0.5 ml BD DrySlide™ PYR Colour Developer</li> </ul>
231748	75 slides	<b>BD DrySlide™ - Indole</b>  BD DrySlide™ Indole is used for determining the indole reaction of bacteria. The indole test is a qualitative procedure for determining the ability of bacteria to produce indole by reductive deamination of tryptophan. Vracko and Sherris showed that the indole test can be performed using filter paper moistened with p-dimethyl-aminobenzaldehyde (DMABA), an effective indicator of indole production. BD DrySlide™ Indole is a disposable slide with four filter paper reaction areas containing 5% pdimethylaminobenzaldehyde (DMABA); 25 x 3 slides.
231749	25 slides	<b>BD DrySlide™ - Nitrocefin</b>  Used for detecting β-lactamase production by bacteria. BD DrySlide™ Nitrocefin employs nitrocefin, a cephalosporin compound first described by Glaxo Research (Middlesex, England), in the chromogenic cephalosporin test methodology.



## BD Enterotube™ Testing Systems

PRODUCT CODE	SIZE	DESCRIPTION
212116	25 tubes	<b>BD Oxi/Ferm™ Tube II</b>  Prepared multimedia tube for the rapid differential identification of Gram-negative oxidative/fermentative bacteria. Features a self contained compartmented tube containing 12 different conventional media with only one off-line test (Oxidase). Allows identification of Gram-negative non-fermenting bacteria (22 taxa). Incubation time is 48 hrs at 35-37° C.
273176	25 tubes	<b>BD Enterotube™ II</b>  Prepared multimedia tube for the rapid identification of Enterobacteriaceae. Features a self contained compartmented tube containing 12 different conventional media. Allows identification of Enterobacteriaceae (29 taxa). Incubation time is 20-24 hrs at 35-37° C.

# BD Microtrol™ Quality Control Organisms

## BD Microtrol™ Singel Strains

PRODUCT CODE	SIZE	DESCRIPTION
254657	10 discs	<i>S. pneumoniae</i> 49619 10D
254602	25 discs	BD Microtrol™ - <i>Enterococcus faecalis</i> , ATCC 29212
254607	25 discs	BD Microtrol™ - <i>Escherichia coli</i> , ATCC 35218
254611	25 discs	BD Microtrol™ - <i>Candida albicans</i> , ATCC 2091
254612	25 discs	BD Microtrol™ - <i>Bacillus subtilis</i> , ATCC 6633
254613	25 discs	BD Microtrol™ - <i>Staphylococcus aureus</i> , ATCC 6538 P
254614	10 discs	BD Microtrol™ - <i>Clostridium sporogenes</i> , ATCC 19404
254621	25 discs	BD Microtrol™ - <i>Escherichia coli</i> , ATCC 8739
254623	25 discs	BD Microtrol™ - <i>Pseudomonas aeruginosa</i> , ATCC 9027
254624	25 discs	BD Microtrol™ - <i>Pseudomonas aeruginosa</i> , ATCC 15442
254625	25 discs	BD Microtrol™ - <i>Candida albicans</i> , ATCC 10231
254626	25 discs	BD Microtrol™ - <i>Proteus mirabilis</i> , ATCC 14153
254629	25 discs	BD Microtrol™ - <i>Staphylococcus aureus</i> , ATCC 6538
254650	25 discs	BD Microtrol™ - <i>Klebsiella aerogenes</i> , NCTC 9528
254652	10 discs	BD Microtrol™ - <i>Aspergillus niger</i> , ATCC 16404
254986	25 discs	BD Microtrol™ - <i>Escherichia coli</i> , ATCC 25922
254988	25 discs	BD Microtrol™ - <i>Klebsiella pneumonia</i> , ATCC 13883
254992	25 discs	BD Microtrol™ - <i>Pseudomonas aeruginosa</i> , ATCC 27853
254993	25 discs	BD Microtrol™ - <i>Salmonella typhimurium</i> , ATCC 14028
254995	25 discs	BD Microtrol™ - <i>Staphylococcus aureus</i> , ATCC 25923
254996	25 discs	BD Microtrol™ - <i>Staphylococcus aureus</i> , ATCC 29213
254997	25 discs	BD Microtrol™ - <i>Staphylococcus epidermidis</i> , ATCC 12228
254999	25 discs	BD Microtrol™ - <i>Enterococcus faecalis</i> , ATCC 19433



# BD Phoenix™ Automated Identification & Susceptibility Testing

## BD Phoenix™ Instrument & Accessories

PRODUCT CODE	SIZE	DESCRIPTION
440911	1	<b>BD PhoenixSpec - Calibration Standards</b>  One set contains a BD PhoenixSpec calibration blank (0 McFarland) and a BD PhoenixSpec calibration standard (2.0 McFarland). Used for the proper calibration of a BD PhoenixSpec Nephelometer.
448020	2	<b>BD Phoenix™ - Panel Caddy</b>  The BD Phoenix™ Panel Caddy is a moulded plastic tray used to transport filled and sealed panels from the preparation bench to the BD Phoenix™ instrument. Each caddy can carry up to 20 panels.
448025	1	<b>BD Phoenix™ - 25 µl Hamilton-Pipette</b>  The BD Phoenix™ 25 µl Hamilton-Pipette is used for the transfer of bacterial suspensions from the inoculated ID Broth tubes to the AST broth tubes.
448030	5	<b>BD Phoenix™ - Inoculation Station</b>  The BD Phoenix™ Inoculation Station is designed to hold six tubes of broth (3 ID, 3 AST) and three panels at an angle of 24° in order to provide the proper gravity-driven inoculum flow of broth through panels during panel inoculation.
440910	1	<b>BD PhoenixSpec - Nephelometer</b>  A battery-powered, portable device designed for measuring inoculum density in McFarland units. The device is accurate from 0.5-4 McFarland units in increments of 0.1 units. The instrument can be used for any laboratory procedure that requires inoculum density adjustments within this range. Includes a calibration blank (0 McFarland), calibration standard (2.0 McFarland), low volume sample adaptor and a battery. Used with BD PhoenixSpec - Calibration Standards, Cat. No. 440911.
448037	1632	<b>BD Phoenix™ - Pipette Tips</b>  Extra long, aerosol-resistant pipette tips for use with the BD Phoenix™ 25 µl Hamilton-Pipette (Cat. No. 448025). Packaged as 204 tips per rack; 8 racks per shelf pack (in total 1632 pipette tips). Cat.No. 448037 replaces former Cat.No. 448026.
448040	1	<b>BD Phoenix™ - Starter Kit</b>  The BD Phoenix™ Starter Kit includes: <ul style="list-style-type: none"> <li>• 5 inoculation stations</li> <li>• 2 panel caddies</li> <li>• 1 fixed volume pipette</li> <li>• 960 pipette tips</li> <li>• 1 temperature panel</li> <li>• 4 spare air filters</li> <li>• 1 external bar code scanner</li> <li>• 3 power cords and</li> <li>• 1 quick reference guide</li> </ul>
448045	100	<b>BD Phoenix™ - Panel Closure</b>  100 panel closures, used for sealing of BD Phoenix™ panels after inoculation.



448100 1 BD Phoenix™ 100 - Instrument

The BD Phoenix™ Automated Microbiology System is designed for the rapid Identification (ID) and Antimicrobial Susceptibility Testing (AST) of clinically significant human bacterial pathogens. The instrument holds up to 100 panels (ID only, AST only, combined ID/AST, or a mixture), thus being capable of performing 200 simultaneous tests with the combined ID/AST panels. Identification is based on colourimetric and fluorescence readings without the need for supplemental tests or reagent addition. The AST is based on a dual indicator system (redox and turbidity readings) for optimal performance. Panel readings are taken by the BD Phoenix™ instrument every 20 minutes and on average, provide the final interpretation of ID results in less than 3 hours and of AST results in approximately 8 hours. Over 160 Gram-negative organisms and over 145 Gram-positive organisms are in the BD Phoenix™ database. The BD Phoenix™ supports CLSI (formerly NCCLS), SFM, DIN, and BSAC based rules as well as customisable breakpoints. An integrated customisable expert system (BDXpert System) is used for result validation. The BD Phoenix™ System features only one moving part, easy-to-use icon driven software, rapid reporting of preliminary results, specimen barcoding, direct LIS connection and minimal user maintenance. The System can be connected to the BD EpiCenter™ Data Management System which provides the laboratory with workflow management, patient demographic storage, advanced query and custom reporting, and infection control and epidemiology analysis.



448099 1 BD Phoenix™ 100 - Table

## BD Phoenix™ Gram-Negative Combo Panels

**PRODUCT CODE** **SIZE** **DESCRIPTION**

448919 25 BD Phoenix™ - Gram-Negative Combo Panel (NMIC/ID-63) MIDDLE EAST

Special Gram-Negative Combo Panel for the Middle East market.  
List of antimicrobials:  
AN 8 - 32, AMC 4 - 16, AM 4 - 32, Aztreonam 2 - 16, FEP 2 - 16, CTX 1 - 32, FOX 4 - 16, CAZ 1 - 16, CXM 4 - 16, CF 4 - 16, CIP 0,5 - 2, Colistin 0,5 - 2, GM 2 - 8, IPM 1 - 8, MEM 1 - 8, FM 16 - 64, NOR 2 - 8, PIP 4 - 64, TZP 4 - 64, TE 2 - 8, STG 1 - 4

448931 25 BD Phoenix™ - Gram-Negative Combo Panel (NMIC/ID-53)

List of antimicrobials:  
AN 8 - 32, AMC 4 - 16, AM 4 - 16, ATM 2 - 16, CZ 4 - 16, FEP 2 - 16, CAZ 1 - 16, CRO 2 - 32, CXM 4 - 16, CIP 0.5 - 2, ESR, FF 16 - 128, GM 2 - 8, MEM 1 - 8, FM 16 - 64, NOR 2 - 8, PIP 4 - 64, TZP 4 - 64, TEM 4 - 16, TMP 1 - 8, SXT 0.5 - 2

448939 25 BD Phoenix™ - Gram-Negative Combo Panel (NMIC/ID-57)

List of antimicrobials:  
AN 4 - 32, AMC 2 - 16, AM 2 - 32, ATM 2 - 16, CZ 4 - 16, FEP 1 - 16, CTX 1 - 32, CAZ 1 - 16, CXM 4 - 16, CIP 0.5 - 4, CO 1 - 4, ESR, GM 1 - 8, MEM 1 - 8, NET 1 - 16, FM 16 - 64, NOR 2 - 8, TZP 4 - 64, TMP 0.5 - 4, SXT 0.5 - 2

## BD Phoenix™ Gram-Positive Combo Panels

**PRODUCT CODE** **SIZE** **DESCRIPTION**

246001 100 x 4.5 ml BD Phoenix™ - ID Broth

The BD Phoenix™ ID broth is a modified saline solution that, after addition of bacteria, is used for identification of microorganisms by the BD Phoenix™ system. The broth is supplied in screw-cap tubes with a volume of 4.5 ml. 1 tube of ID Broth is sufficient to inoculate 1 BD Phoenix™ panel.

246003 10 x 8 ml BD Phoenix™ - AST Broth

The BD Phoenix™ AST broth is modified Mueller Hinton Broth that, after the addition of AST indicator and bacterial suspension, is used for susceptibility testing of microorganisms by the BD Phoenix™ system. The broth is supplied in screw-cap tubes with a volume of 8.0 ml. 1 tube of AST Broth is sufficient to inoculate 1 BD Phoenix™ panel.



246004	10	BD Phoenix™ - AST Indicator
The BD Phoenix™ AST indicator is a redox indicator that, after addition to AST broth, is used for susceptibility testing of microorganisms by the BD Phoenix™ system. Each 6 ml bottle of AST Indicator is sufficient for the inoculation of 100 AST Broth tubes, i.e. 1 package (10 bottles) is sufficient for 1000 tubes.		
448911	25	BD Phoenix™ - Gram-Positive Combo Panel (PMIC/ID-55)
List of antimicrobials: AN 8 - 32, AMC 1 - 4, AM 2 - 8, FOX 2 - 8, CIP 0.25 - 4, CC 0.5 - 2, E 0.25 - 4, FA 1 - 8, GM 1 - 8, GMS 500 - , LZD 0.5 - 4, MUP 1 - 4, MUH - 256, FM 16 - 64, OX 0.25 - 2, P 0.06 - 0.25, SYN 0.5 - 2, RA 0.5 - 2, TEC 1 - 16, TE 0.5 - 8, NN 2 - 8, TMP 0.5 - 2, SXT 1 - 4, VA 1 - 16		
448915	25	BD Phoenix™ - Gram-Positive Combo Panel (PMIC/ID-57) MIDDLE EAST
Special Gram-Positive Combo Panel for the Middle East market. List of antimicrobials: MXF 1 - 4, AMC 1 - 4, MEM 2 - 8, GM 2 - 8, CRO 8 - 32, FOX 1 - 8, LZD 1 - 4, P 0.06 - 0.25, OX 0.25 - 2, GMS 500, FA 4 - 16, E 0.25 - 4, CC 0.5 - 2, CLR 0.25 - 4, CIP 0.5 - 2, CTX 8 - 32, AM 2 - 8, SYN 0.5 - 2, RA 0.5 - 2, TEC 1 - 16, TE 0.5 - 8, STG 1 - 4, VA 1 - 16		

## BD Phoenix™ ID Only Panels

PRODUCT CODE	SIZE	DESCRIPTION
448007	25	BD Phoenix™ - Gram-Negative ID Panels
The BD Phoenix™ Gram-Negative ID panel is used for the identification of Gram-negative bacteria. The panel consists of 51 wells, 46 of which are filled with dried biochemical substrates and 2 wells with reaction controls. No off-line tests or reagent additions are required for the identification. The BD Phoenix™ system is able to identify approximately 160 Gram-negative strains of clinically relevant bacteria. 25 panels and panel closures are included in each package.		
448008	25	BD Phoenix™ - Gram-Positive ID Panels
The BD Phoenix™ Gram-Positive ID panel is used for the identification of Gram-positive bacteria. The panel consists of 51 wells, 46 of which are filled with dried biochemical substrates and 2 wells with reaction controls. No off-line tests or reagent additions are required for the identification. The BD Phoenix™ system is able to identify approximately 145 Gram-positive strains of clinically relevant bacteria. 25 panels and panel closures are included in each package.		

## BD Phoenix™ Streptococci Panels

PRODUCT CODE	SIZE	DESCRIPTION
246007	100 x 8 ml	BD Phoenix™ - AST-S Broth
The BD Phoenix™ AST-S broth is modified Mueller Hinton Broth that, after the addition of AST-S indicator and bacterial suspension, is used for susceptibility testing of streptococci by the BD Phoenix™ system. The broth is supplied in screw-cap tubes with a volume of 8.0 ml. 1 tube of AST-S Broth is sufficient to inoculate 1 BD Phoenix™ panel.		
246009	10 x 6 ml	BD Phoenix™ - AST-S Indicator
The BD Phoenix™ AST-S indicator is a redox indicator that, after addition to AST-S broth, is used for susceptibility testing of streptococci by the BD Phoenix™ system. Each 6 ml bottle of AST-S Indicator is sufficient for the inoculation of 100 AST-S Broth tubes, i.e. 1 package (10 bottles) is sufficient for 1000 tubes.		
448851	25	BD Phoenix™ - Streptococci Panel (SMIC/ID-2)
The BD Phoenix™ SMIC/ID-2 panel is used for the identification and susceptibility testing of 27 streptococcal species with selected antimicrobial agents; Standard: CLSI (formerly NCCLS) + TEC. List of antimicrobials: Amoxicillin, Cefepime, Cefotaxime, Clindamycin, Chloramphenicol, Erythromycin, Levofloxacin, Linezolid, Moxifloxacin, Meropenem, Penicillin, Quinupristin/Dalfopristin (SYN), Teicoplanin, Telithromycin, Tetracycline, Trimethoprim/Sulfamethoxazole, Vancomycin		

# BD Sensi-Disc™ Manual Susceptibility Testing



## Accessories for Manual Susceptibility Testing

PRODUCT CODE	SIZE	DESCRIPTION
297298	10 tubes	McFarland Turbidity
<p>McFarland standards are used as turbidity standards in the preparation of suspensions of microorganisms. The McFarland 0.5 standard has particular application in the preparation of bacterial inocula for performing antimicrobial susceptibility testing. The performance of susceptibility testing requires the use of standard inocula. The McFarland 0.5 standard is used for the preparation of inocula in standardised agar dilution, broth macro- and microdilution, disc diffusion and anaerobic organism susceptibility test procedures. Contains 10 Size K Tubes.</p>		

## BD Sensi-Disc™ Antimycobacterial Discs for Use in Culture Media

PRODUCT CODE	SIZE	DESCRIPTION
231328	10 x 50 discs	BD Sensi-Disc™ - Streptomycin, 10 µg (S-10)
231544	10 x 50 discs	BD Sensi-Disc™ - Rifampin, 5 µg (RA-5)
231570	50 discs	BD Sensi-Disc™ - Streptomycin, 50 µg (S-50)
231694	50 discs	BD Sensi-Disc™ - Streptomycin, 300 µg (S-300)

## BD Sensi-Disc™ Dispensers

PRODUCT CODE	SIZE	DESCRIPTION
260457	1	BD Sensi-Disc™ - Single Disc Dispenser
<p>The BD Sensi-Disc™ Single Disc Dispenser is recommended for the individual application of cartridge BD BBL™ brand antimicrobial susceptibility test and biochemical differentiation discs onto the surface of inoculated plated media. The Single Disc Dispenser replaces the manual placement of discs using sterile forceps.</p>		
260640	1	BD Sensi-Disc™ - Designer Dispenser System
<p>The BD Sensi-Disc™ Designer Dispenser accommodates up to twelve cartridges of BD Sensi-Disc™ susceptibility test discs. It is used to deliver discs onto 150 mm-style Petri dishes when performing disc susceptibility testing, especially by the standardised method.</p>		
260661	1	BD Sensi-Disc™ - Dispenser
<p>These BD Sensi-Disc™ self-tamping dispensers accommodate either 6 or 8 cartridges of BD Sensi-Disc™ susceptibility test discs or BD Taxo™ anaerobe differentiation discs. They are used to deliver discs onto 100 mm-style Petri dishes when performing disc susceptibility testing or for the presumptive identification of Gram-negative anaerobic bacilli.</p>		
4301009	1 yellow	BD Sensi-Disc™ - Dispenser II (6)
<p>Self-tamping dispenser for 6 BD Sensi-Discs™ for Petri dishes with a diameter of 90 mm.</p>		
4310094	1	BD Sensi-Disc™ - Dispenser box
<p>Dispenser box for storage of BD Sensi-Disc™ Dispenser type II. (Cat. Nos. 4301009 and 4301010).</p>		
260660	1	Sensi-Disc™ Dispenser
<p>Self-Tamping, 8 Place complete with storage canister and reusable indicator desiccant container</p>		





## BD Sensi-Disc™ for Veterinary Laboratory Use

PRODUCT CODE	SIZE	DESCRIPTION
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291255	50 discs	BD Sensi-Disc™ - Ceftiofur, 30 µg (XNL-30)
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## BD Sensi-Disc™ in a Glass Vial

PRODUCT CODE	SIZE	DESCRIPTION
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254718	50 discs	BD Sensi-Disc™ - Augmentin (AMC-30)
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Amoxicillin 20 µg with Clavulanic Acid 10 µg.

254709	50 discs	BD Sensi-Disc™ - Sulfamethoxazole, 23.75 µg (SMZ-23.75)
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254711	50 discs	BD Sensi-Disc™ - Cefoxitin, 30 µg (FOX-30)
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254713	50 discs	BD Sensi-Disc™ - Cefotaxime, 30 µg (CTX-30)
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254724	50 discs	BD Sensi-Disc™ - Ciprofloxacin, 5 µg (CIP-5)
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254726	50 discs	BD Sensi-Disc™ - Gentamicin, 10 µg (GM-10)
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254727	50 discs	BD Sensi-Disc™ - Ampicillin, 10 µg (AM-10)
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254729	50 discs	BD Sensi-Disc™ - Trimethoprim 1.25 µg + Sulfamethoxazol 23.75 µg (Cotrimoxazol) SXT
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254730	50 discs	BD Sensi-Disc™ - Nalidixic Acid, 30 µg (NA-30)
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254731	50 discs	BD Sensi-Disc™ - Erythromycin, 15 µg (E-15)
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254732	50 discs	BD Sensi-Disc™ - Cephalexin, 30 µg (CN-30)
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254733	50 discs	BD Sensi-Disc™ - Clindamycin, 10 µg (CC-10)
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254741	50 discs	BD Sensi-Disc™ - Amoxicillin, 25 µg (AMX-25)
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254744	50 discs	BD Sensi-Disc™ - Amikacin, 10 µg (AN-10)
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254750	50 discs	BD Sensi-Disc™ - Bacitracin, 20 µg (B-20)
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254758	50 discs	BD Sensi-Disc™ - Cefadroxyl, 30 µg (CFR-30)
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254760	50 discs	BD Sensi-Disc™ - Cefsulodin, 30 µg (CFS-30)
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254785	50 discs	BD Sensi-Disc™ - Fusidic Acid, 10 µg (FA-10)
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254797	50 discs	BD Sensi-Disc™ - Imipenem, 10 µg (IPM-10)
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254815	50 discs	BD Sensi-Disc™ - Tobramycin, 10 µg (NN-10)
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254816	50 discs	BD Sensi-Disc™ - Tobramycin, 30 µg (NN-30)
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254819	50 discs	BD Sensi-Disc™ - Ofloxacin, 5 µg (OFX-5)
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254821	50 discs	BD Sensi-Disc™ - Oleandomycin, 15 µg (OL-15)
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254822	50 discs	BD Sensi-Disc™ - Oxacillin, 1 µg (OX-1)
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254823	50 discs	BD Sensi-Disc™ - Oxacillin, 5 µg (OX-5)
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254828	50 discs	BD Sensi-Disc™ - Polymyxin B, 300 µg (PB-300)
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254832	50 discs	BD Sensi-Disc™ - Piperacillin, 30 µg (PIP-30)
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254862	10 discs	BD Sensi-Disc™ - Blank Disc Nonsterile
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254882	50 discs	BD Sensi-Disc™ - Meropenem, 10 µg (MEM-10)
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254893	50 discs	BD Sensi-Disc™ - Cefepime, 30 µg (FEP-30)
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## BD Sensi-Disc™ in Blister Packs

**PRODUCT CODE**      **SIZE**      **DESCRIPTION**

231605      10 x 50 discs      BD Sensi-Disc™ - Metronidazole Elution Discs

BD Sensi-Disc™ Metronidazole Elution Discs, 80 µg, are to be used for determining the *in vitro* susceptibility of anaerobic bacteria to metronidazole by the broth-disc method. BD Sensi-Disc™ brand discs are prepared by impregnating high quality absorbent paper with accurately determined amounts of antimicrobial agents. Discs are clearly marked on both sides with letters and numbers designating the agent and the drug content. BD Sensi-Disc™ agents are furnished in cartridges containing 50 discs each. The last disc in each cartridge is marked "X" and contains the drug as coded. The cartridges are for use in Single Disc Dispensers. Single cartridge of 50 discs.

231607      10 x 50 discs      BD Sensi-Disc™ - Cefotaxime, 30 µg (CTX-30)

ESBL Disc.

231629      10 x 50 discs      BD Sensi-Disc™ - Augmentin (AMC-30)

Amoxicillin 20 µg with Clavulanic Acid 10 µg.

231633      10 x 50 discs      BD Sensi-Disc™ - Ceftazidime, 30 µg (CAZ-30)

ESBL Disc.

231660      10 x 50 discs      BD Sensi-Disc™ - Ampicillin/Sulbactam (SAM-20)

Ampicillin 10 µg with Sulbactam 20 µg.

231751      50 discs      BD Sensi-Disc™ - Cefotaxime 30 µg with Clavulanic Acid 10 µg (CTX-30/CLA-10)

ESBL Disc.

231752      10 x 50 discs      BD Sensi-Disc™ - Cefotaxime 30 µg with Clavulanic Acid 10 µg (CTX-30/CLA-10)

ESBL Disc.

231753      50 discs      BD Sensi-Disc™ - Ceftazidime 30 µg with Clavulanic Acid 20 µg (CAZ-30/CLA-10)

ESBL Disc.

231754      10 x 50 discs      BD Sensi-Disc™ - Ceftazidime 30 µg with Clavulanic Acid 20 µg (CAZ-30/CLA-10)

ESBL Disc.

291270      10 x 50 discs      BD Sensi-Disc™ - Augmentin (AMC-3)

Amoxicillin 2 µg with Clavulanic Acid 1 µg.

231251      10 x 50 discs      BD Sensi-Disc™ - Minocycline, 30 µg (MI-30)

231263      10 x 50 discs      BD Sensi-Disc™ - Ampicillin, 2µg (AM-2)

231264      10 x 50 discs      BD Sensi-Disc™ - Ampicillin, 10 µg (AM-10)

231267      10 x 50 discs      BD Sensi-Disc™ - Bacitracin, 2 µg (B-2)

231268      10 x 50 discs      BD Sensi-Disc™ - Bacitracin, 10 µg (B-10)

231271      10 x 50 discs      BD Sensi-Disc™ - Cephalothin, 30 µg (CF-30)

231274      10 x 50 discs      BD Sensi-Disc™ - Chloramphenicol, 30 µg (C-30)

231275      10 x 50 discs      BD Sensi-Disc™ - Clindamycin, 2 µg (CC-2)

231276      10 x 50 discs      BD Sensi-Disc™ - Cloxacillin, 1 µg (CX-1)

231278      10 x 50 discs      BD Sensi-Disc™ - Colistin, 10 µg (CL-10)

231286      10 x 50 discs      BD Sensi-Disc™ - Doxycycline, 30 µg (D-30)

231290      10 x 50 discs      BD Sensi-Disc™ - Erythromycin, 15 µg (E-15)



231292	10 x 50 discs	BD Sensi-Disc™ - Nitrofurantoin, 100 µg (FM-100)
231293	10 x 50 discs	BD Sensi-Disc™ - Nitrofurantoin, 300 µg (FM-300)
231299	10 x 50 discs	BD Sensi-Disc™ - Gentamicin, 10 µg (GM-10)
231301	10 x 50 discs	BD Sensi-Disc™ - Kanamycin, 30 µg (K-30)
231302	10 x 50 discs	BD Sensi-Disc™ - Lincomycin, 2 µg (L-2)
231309	10 x 50 discs	BD Sensi-Disc™ - Nafcillin, 1 µg (NF-1)
231311	10 x 50 discs	BD Sensi-Disc™ - Nalidixic Acid, 30 µg (NA-30)
231312	10 x 50 discs	BD Sensi-Disc™ - Neomycin, 5 µg (N-5)
231313	10 x 50 discs	BD Sensi-Disc™ - Neomycin, 30 µg (N-30)
231314	10 x 50 discs	BD Sensi-Disc™ - Novobiocin, 5 µg (NB-5)
231315	10 x 50 discs	BD Sensi-Disc™ - Novobiocin, 30 µg (NB-30)
231319	10 x 50 discs	BD Sensi-Disc™ - Oxacillin, 1 µg (OX-1)
231320	10 x 50 discs	BD Sensi-Disc™ - Penicillin, 2 µg (P-2)
231321	10 x 50 discs	BD Sensi-Disc™ - Penicillin, 10 µg (P-10)
231324	10 x 50 discs	BD Sensi-Disc™ - Polymyxin B, 300 µg (PB-300)
231331	10 x 50 discs	BD Sensi-Disc™ - Sulfadiazine, 0.25 µg (SD-0.25)
231342	10 x 50 discs	BD Sensi-Disc™ - Oxytetracycline, 30 µg (T-30)
231343	10 x 50 discs	BD Sensi-Disc™ - Tetracycline, 5 µg (TE-5)
231344	10 x 50 discs	BD Sensi-Disc™ - Tetracycline, 30 µg (TE-30)
231352	10 x 50 discs	BD Sensi-Disc™ - Vancomycin, 5 µg (VA-5)
231353	10 x 50 discs	BD Sensi-Disc™ - Vancomycin, 30 µg (VA-30)
231539	10 x 50 discs	BD Sensi-Disc™ - Trimethoprim 1.25 µg + Sulfamethoxazol 23.75 µg (Cotrimoxazol) (SXT)
231555	10 x 50 discs	BD Sensi-Disc™ - Carbenicillin, 100 µg (CB-100)
231566	50 discs	BD Sensi-Disc™ - Oxolinic Acid, 2 µg (OA-2)
231569	10 x 50 discs	BD Sensi-Disc™ - Tobramycin, 10 µg (NN-10)
231591	10 x 50 discs	BD Sensi-Disc™ - Cefoxitin, 30 µg (FOX-30)
231597	10 x 50 discs	BD Sensi-Disc™ - Amikacin, 30 µg (AN-30)
231601	10 x 50 discs	BD Sensi-Disc™ - Trimethoprim, 5 µg (TMP-5)
231603	10 x 50 discs	BD Sensi-Disc™ - Netilmicin, 30 µg (NET-30)
231609	10 x 50 discs	BD Sensi-Disc™ - Piperacillin, 100 µg (PIP-100)
231611	10 x 50 discs	BD Sensi-Disc™ - Moxalactam, 30 µg (MOX-30)
231619	10 x 50 discs	BD Sensi-Disc™ - Ticarcillin, 75 µg (TIC-75)
231621	10 x 50 discs	BD Sensi-Disc™ - Cefuroxime, 30 µg (CXM-30)
231625	10 x 50 discs	BD Sensi-Disc™ - Azlocillin, 75 µg (AZ-75)
231635	10 x 50 discs	BD Sensi-Disc™ - Ceftriaxone, 30 µg (CRO-30)
231637	10 x 50 discs	BD Sensi-Disc™ - Spectinomycin, 100 µg (SPT-100)
231641	10 x 50 discs	BD Sensi-Disc™ - Aztreonam, 30 µg (ATM-30)
231645	10 x 50 discs	BD Sensi-Disc™ - Imipenem, 10 µg (IPM-10)
231647	10 x 50 discs	BD Sensi-Disc™ - Norfloxacin, 10 µg (NOR-10)
231649	10 x 50 discs	BD Sensi-Disc™ - Ticarcillin with Clavulanic Acid (Timentin), 85 µg (TIM-85)
231653	10 x 50 discs	BD Sensi-Disc™ - Cefaclor, 30 µg (CEC-30)
231656	10 x 50 discs	BD Sensi-Disc™ - Cefotetan, 30 µg (CTT-30)

231658	10 x 50 discs	BD Sensi-Disc™ - Ciprofloxacin, 5 µg (CIP-5)
231664	10 x 50 discs	BD Sensi-Disc™ - Cefixime, 5 µg (CFM-5)
231672	10 x 50 discs	BD Sensi-Disc™ - Ofloxacin, 5 µg (OFX-5)
231674	10 x 50 discs	BD Sensi-Disc™ - Cefpodoxime, 10 µg (CPD-10)
231678	10 x 50 discs	BD Sensi-Disc™ - Clarithromycin, 15 µg (CLR-15)
231682	10 x 50 discs	BD Sensi-Disc™ - Azithromycin, 15 µg (AZM-15)
231692	10 x 50 discs	BD Sensi-Disc™ - Piperacillin 100 µg + Tazobactam 10 µg (PIP-100/TAZ-10)
231693	50 discs	BD Sensi-Disc™ - Gentamicin, 120 µg (GM-120)
231696	10 x 50 discs	BD Sensi-Disc™ - Cefepime, 30 µg (FEP-30)
231704	10 x 50 discs	BD Sensi-Disc™ - Meropenem, 10 µg (MEM-10)
231706	10 x 50 discs	BD Sensi-Disc™ - Levofloxacin, 5 µg (LVL-5)
231709	50 discs	BD Sensi-Disc™ - Fosfomycin, 200 µg (FOS-200)
231720	50 discs	BD Sensi-Disc™ - Quinupristin/Dalfopristin (Synercid) 15 µg (SYN 15)
231757	50 discs	BD Sensi-Disc™ - Moxifloxacin, 5 µg (MXF-5)
231758	10 x 50 discs	BD Sensi-Disc™ - Moxifloxacin, 5 µg (MXF-5)
231761	50 discs	BD Sensi-Disc™ - Linezolid, 30 µg (LZD-30)
231762	10 x 50 discs	BD Sensi-Disc™ - Linezolid, 30 µg (LZD-30)
232097	50 discs	BD Sensi-Disc™ - Mupirocin, 200 µg (MUP-200)
232102	10 x 50 discs	BD Sensi-Disc™ - Norfloxacin, 2 µg (NOR-2)
232108	50 discs	BD Sensi-Disc™ - Clarithromycin, 2 µg (CLR-2)
232116	50 discs	BD Sensi-Disc™ - Dalfopristin/Quinupristin (Synercid), 15 µg (SYN-15)
232149	10 x 50 discs	BD Sensi-Disc™ - Mecillinam, 10 µg (MEC-10)
231758	10 x 50 discs	BD Sensi-Disc™ - Moxifloxacin, 5 µg (MXF-5)
231761	50 discs	BD Sensi-Disc™ - Linezolid, 30 µg (LZD-30)
231762	10 x 50 discs	BD Sensi-Disc™ - Linezolid, 30 µg (LZD-30)
232097	50 discs	BD Sensi-Disc™ - Mupirocin, 200 µg (MUP-200)
232102	10 x 50 discs	BD Sensi-Disc™ - Norfloxacin, 2 µg (NOR-2)
232108	50 discs	BD Sensi-Disc™ - Clarithromycin, 2 µg (CLR-2)
232116	50 discs	BD Sensi-Disc™ - Dalfopristin/Quinupristin (Synercid), 15 µg (SYN-15)
232149	10 x 50 discs	BD Sensi-Disc™ - Mecillinam, 10 µg (MEC-10)
232174	50 discs	BD Sensi-Disc™ - Ertapenem, 10 µg (ETP-10)
232184	50 discs	BD Sensi-Disc™ - Linezolid, 10 µg (LZD-10)
291034	50 discs	BD Sensi-Disc™ - Temocillin, 30 µg (TEM-30)
291037	10 x 50 discs	BD Sensi-Disc™ - Trimethoprim, 2.5 µg (TR-2.5)
291272	10 x 50 discs	BD Sensi-Disc™ - Chloramphenicol, 10 µg (C-10)
291273	10 x 50 discs	BD Sensi-Disc™ - Ciprofloxacin, 1 µg (CIP-1)
291274	10 x 50 discs	BD Sensi-Disc™ - Erythromycin, 10 µg (E-10)
291277	10 x 50 discs	BD Sensi-Disc™ - Fusidic Acid, 10 µg (FA-10)
291279	10 x 50 discs	BD Sensi-Disc™ - Metronidazole, 5 µg (MET-5)
291280	10 x 50 discs	BD Sensi-Disc™ - Mupirocin, 5 µg (MUP-5)
291281	10 x 50 discs	BD Sensi-Disc™ - Netilmicin, 10 µg (NET-10)

291282	10 x 50 discs	BD Sensi-Disc™ - Nitrofurantoin, 50 µg (FM-50)
291285	10 x 50 discs	BD Sensi-Disc™ - Penicillin, 1 µg (P-1)
291286	10 x 50 discs	BD Sensi-Disc™ - Piperacillin, 75 µg (PIP-75)
291287	10 x 50 discs	BD Sensi-Disc™ - Rifampicin, 2 µg (Ra-2)
291292	10 x 50 discs	BD Sensi-Disc™ - Tetracycline, 10 µg (TE-10)
291298	10 x 50 discs	BD Sensi-Disc™ - Erythromycin, 5 µg (E-5)
291308	10 x 50 discs	BD Sensi-Disc™ - Cefotaxime, 5 µg (CTX-5)
291309	10 x 50 discs	BD Sensi-Disc™ - Colistin, 25 µg (CL-25)
291311	10 x 50 discs	BD Sensi-Disc™ - Teicoplanin, 30 µg (TEC-30)
291314	10 x 50 discs	BD Sensi-Disc™ - Cefuroxime, 5 µg (CXM-5)
291370	10 x 50 discs	BD Sensi-Disc™ - Amoxicillin, 10 µg (AMX-10)
291423	10 x 50 discs	BD Sensi-Disc™ - Piperacillin 75 µg + Tazobactam 10 µg (PIP-75/TAZ-10)
295306	10 x 50 discs	BD Sensi-Disc™ - Amoxicillin, 25 µg (AMX-25)
295308	10 x 50 discs	BD Sensi-Disc™ - Cephalexin, 30 µg (CN-30)
295339	10 x 50 discs	BD Sensi-Disc™ - Nitrofurantoin, 200 µg (FM-200)
295340	10 x 50 discs	BD Sensi-Disc™ - Penicillin, 1.5 µg (P-1.5)
296398	10 x 50 discs	BD Sensi-Disc™ - Trimethoprim, 1.25 µg (TR-1.25)
296986	10 x 50 discs	BD Sensi-Disc™ - Cephadrine, 30 µg (CH-30)
232114	50 discs	BD Sensi-Disc™ - Levofloxacin, 1 µg (LVL-1)
296589	50 discs	SD FOSFOMYC. FF-50
291269	50 discs	BD Sensi-Disc™ - Ampicillin, 25 µg (AM-25)
232087	1	Tigecycline
232175	10	BD Sensi-Disc™ - Ertapenem, ETP-10, 10 mcg (10/sp)
232208	10	Tigecycline
232207		SD CEFOXITIN 10 MCG

## BD Taxo™ Manual Differentiation

### BD Taxo™ Antibiotic Detection Discs

PRODUCT CODE	SIZE	DESCRIPTION
231039	6 x 50 discs	BD Taxo™ - Blank Discs

231039: Diameter ¼", S&S-470.

## BD Taxo™ Carbohydrate Discs

PRODUCT CODE	SIZE	DESCRIPTION
231061	50 discs	BD Taxo™ - Dextrose Discs
231062	6 x 50 discs	BD Taxo™ - Dextrose Discs
231071	50 discs	BD Taxo™ - Lactose Discs
231072	6 x 50 discs	BD Taxo™ - Lactose Discs
231075	50 discs	BD Taxo™ - Maltose Discs
231076	6 x 50 discs	BD Taxo™ - Maltose Discs
231098	50 discs	BD Taxo™ - Sucrose Discs
231099	6 x 50 discs	BD Taxo™ - Sucrose Discs

## BD Taxo™ Differentiation Discs & Strips

PRODUCT CODE	SIZE	DESCRIPTION
231040	50 discs	BD Taxo™ - A Discs  BD Taxo™ A discs are for the presumptive identification of group A beta-haemolytic streptococci based on susceptibility to a low level of bacitracin. Discs are intended for use with pure cultures. 231040: Single vial 50 discs.
231041	6 x 50 discs	BD Taxo™ - A Discs  BD Taxo™ A discs are for the presumptive identification of group A beta-haemolytic streptococci based on susceptibility to a low level of bacitracin. Discs are intended for use with pure cultures. 231041: Pkg. of 6 vials.
231044	50 discs	BD Taxo™ - N Discs  BD Taxo™ N discs are used in qualitative procedures to distinguish those organisms which produce oxidase. By this reaction, these discs may be used for the presumptive differentiation of the genus <i>Neisseria</i> from other Gram-negative cocci and members of the genus <i>Pseudomonas</i> from enteric bacilli. 231044: Single vial of 50 discs.
231045	6 x 50 discs	BD Taxo™ - N Discs  BD Taxo™ N discs are used in qualitative procedures to distinguish those organisms which produce oxidase. By this reaction, these discs may be used for the presumptive differentiation of the genus <i>Neisseria</i> from other Gram-negative cocci and members of the genus <i>Pseudomonas</i> from enteric bacilli. 231045: Pkg. of 6 vials.
231046	50 discs	BD Taxo™ - P Discs  BD Taxo™ P Discs are impregnated with ethylhydrocupreine hydrochloride (optochin), a drug used for pneumonia therapy before sulfonamides became available. The growth of pneumococci, but not of other streptococci, is markedly inhibited by this chemical. Pneumococci may, therefore, be differentiated from other alpha-haemolytic streptococci by the formation of a zone of inhibition around a BD Taxo™ P disc placed on a blood agar plate heavily inoculated with a pure culture suspected to be <i>Streptococcus pneumoniae</i> . 231046: Single vial of 50 discs.
231047	6 x 50 discs	BD Taxo™ - P Discs  BD Taxo™ P Discs are impregnated with ethylhydrocupreine hydrochloride (optochin), a drug used for pneumonia therapy before sulfonamides became available. The growth of pneumococci, but not of other streptococci, is markedly inhibited by this chemical. Pneumococci may, therefore, be differentiated from other alpha-haemolytic streptococci by the formation of a zone of inhibition around a BD Taxo™ P disc placed on a blood agar plate heavily inoculated with a pure culture suspected to be <i>Streptococcus pneumoniae</i> . 231047: Pkg. of 6 vials.

231048	50 discs	BD Taxo™ - P Discs	BD Taxo™ P Discs are impregnated with ethylhydrocupreine hydrochloride (optochin), a drug used for pneumonia therapy before sulfonamides became available. The growth of pneumococci, but not of other streptococci, is markedly inhibited by this chemical. Pneumococci may, therefore, be differentiated from other alpha-haemolytic streptococci by the formation of a zone of inhibition around a BD Taxo™ P disc placed on a blood agar plate heavily inoculated with a pure culture suspected to be <i>Streptococcus pneumoniae</i> . 231048: Single cartridge of 50 discs.
231104	50 strips	BD Taxo™ - X and V Factor Strips	For differentiating <i>Haemophilus</i> species. 231104: 1 vial of 50 strips.
231105	6 x 50 strips	BD Taxo™ - X and V Factor Strips	For differentiating <i>Haemophilus</i> species. 231105: Pkg. of 6 Vials.
231107	6 x 50 strips	BD Taxo™ - X Factor Strips	For differentiating <i>Haemophilus</i> species. 231107: Pkg. of 6 Vials.
231248	50 discs	BD Taxo™ - ONPG Discs	Used for the detection of lactose fermenters, especially those that do not promptly ferment lactose in some routine identification media such as Triple Sugar Iron Agar (TSI Agar) or Kligler Iron Agar. 231248: Single vial of 50 discs.
231109	6 x 50 strips	BD Taxo™ - V Factor Strips	BD Taxo™ Strips impregnated with X, V and X and V factors are used in a qualitative procedure for the isolation and differentiation of <i>Haemophilus</i> species. The growth of these organisms is partially dependent upon the presence of the X or V factor or both. These strips provide a simple method for determining the growth requirements of organisms in this group. BD Taxo™ X and V Factor Strips may be substituted for the staphylococcus streak used in some laboratories for isolation of <i>Haemophilus</i> spp. when the base medium is BD Trypticase™ Soy Agar with or without sheep blood. 6 Vials.
231552	10 x 50 discs	BD Taxo™ - A Discs	BD Taxo™ A discs are for the presumptive identification of group A beta-haemolytic streptococci based on susceptibility to a low level of bacitracin. Discs are intended for use with pure cultures. 231552: Pkg. of 10 cartridges.
231554	10 x 50 discs	BD Taxo™ - P Discs	BD Taxo™ P Discs are impregnated with ethylhydrocupreine hydrochloride (optochin), a drug used for pneumonia therapy before sulfonamides became available. The growth of pneumococci, but not of other streptococci, is markedly inhibited by this chemical. Pneumococci may, therefore, be differentiated from other alpha-haemolytic streptococci by the formation of a zone of inhibition around a BD Taxo™ P disc placed on a blood agar plate heavily inoculated with a pure culture suspected to be <i>Streptococcus pneumoniae</i> . 231554: Pkg. of 10 cartridges.
231650	50 discs	BD Cefinase™ Paper Disc (¼")	Paper Discs for the Detection of Beta-Lactamase Enzymes. Impregnated with nitrocefin (see below). Used in rapid testing of isolated colonies of <i>Neisseria gonorrhoeae</i> , <i>Staphylococcus</i> spp., <i>Haemophilus influenzae</i> and anaerobic bacteria for the production of beta-lactamase.
231723	50 discs	BD Taxo™ - Hippurate Discs	BD Taxo™ Differentiation Discs (¼") Hippurate are used for detecting the hydrolysis of sodium hippurate by beta-haemolytic group B streptococci, as well as by other organisms. The paper discs are containing sufficient sodium hippurate to yield a positive reaction with organisms producing sufficient hippuricase to hydrolyse the substrate.
231724	10 x 50 discs	BD Taxo™ - Hippurate Discs	BD Taxo™ Differentiation Discs (¼") Hippurate are used for detecting the hydrolysis of sodium hippurate by beta-haemolytic group B streptococci, as well as by other organisms. The paper discs are containing sufficient sodium hippurate to yield a positive reaction with organisms producing sufficient hippuricase to hydrolyse the substrate.

231726	50 discs	BD Taxo™ - SPS Discs	BD Taxo™ Differentiation Discs SPS (sodium polyanethol sulfonate) are used for presumptively identifying <i>Peptostreptococcus anaerobius</i> and <i>Gardnerella vaginalis</i> . These are paper discs that contain sodium polyanethol sulfonate.
231728	10 x 50 discs	BD Taxo™ - V Factor Discs	Diameter ¼". For differentiating <i>Haemophilus</i> species. Round, white ¼" paper discs with "V" printed on both sides.
231730	10 x 50 discs	BD Taxo™ - X Factor Discs	Diameter ¼". For differentiating <i>Haemophilus</i> species. Round, brown ¼" paper discs with "X" printed on both sides.
231732	10 x 50 discs	BD Taxo™ - X and V Factor Discs	Diameter ¼". For differentiating <i>Haemophilus</i> species. Round, light tan ¼" paper discs with "VX" printed on both sides.
231750	50 discs	BD Taxo™ - Novobiocin Discs	BD Taxo™ Differentiation Discs Novobiocin are recommended for the differentiation of coagulase negative staphylococci (e.g., <i>Staphylococcus saprophyticus</i> ) based on novobiocin resistance. These are paper discs containing 5 µg novobiocin.
296289	1 g	Nitrocefin Powder	
297065	250 mg	Nitrocefin Powder	

# Molecular Diagnostics



# Molecular Diagnostics

## **BD Affirm™ VP III Microbial Identification System**

BD Affirm™ VP III Consumables . . . . .	74
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## **BD ProbeTec™ ET System**

BD ProbeTec™ ET Consumables for CT/GC Assays . . . . .	74
BD ProbeTec™ ET Instrument & Equipment for CT, CT/GC and AP Assays. . . . .	74
BD ProbeTec™ ET Instrument & Equipment for TB Assays only . . . . .	75

## **BD ProbeTec™ ET Consumables**

BD ProbeTec™ Consumables for GC Assays . . . . .	76
BD ProbeTec™ ET Consumables for CT Assays . . . . .	76
BD ProbeTec™ ET Consumables for TB Assays . . . . .	77
BD ProbeTec™ ET Consumables for CT/GC Assays . . . . .	77
BD ProbeTec™ ET Instrument & Equipment for CT, CT/GC, TB and AP Assays. . . . .	78

## **BD Viper™**

BD Viper™ ER System . . . . .	79
BD Viper™ XTR System . . . . .	79
BD Viper™ Accesories . . . . .	79

# Molecular Diagnostics



## BD Affirm™ VP III Microbial Identification System

### BD Affirm™ VP III Consumables

PRODUCT CODE	SIZE	DESCRIPTION
446252	24 tests	BD Affirm™ VP III - Microbial Identification Kit
<p>The BD Affirm™ VP III Microbial Identification Test is a DNA probe-based test for the simultaneous, differential detection and identification of <i>Candida</i> spp., <i>Gardnerella vaginalis</i>, and <i>Trichomonas vaginalis</i>. The kit includes 24 tests. Material provided:</p> <ul style="list-style-type: none"> <li>• 24 Probe Analysis Cards (PAC)</li> <li>• 24 reagent cassettes</li> <li>• 1 bottle of substrate solution</li> <li>• 1 bottle of lysis solution</li> <li>• 1 bottle of buffer solution</li> <li>• 24 filter tips</li> </ul>		



## BD ProbeTec™ ET System

### BD ProbeTec™ ET Consumables for CT/GC Assays

PRODUCT CODE	SIZE	DESCRIPTION
440928	100	BD ProbeTec™ Urine Preservative Transport Kit
<p>The BD ProbeTec™ Urine Preservative Transport Kit with NAP Guard™ technology is designed to preserve and transport <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> in male and female urine specimens from symptomatic and asymptomatic individuals prior to processing for analysis with the BD ProbeTec ET <i>C. trachomatis</i> (CT) and <i>N. gonorrhoeae</i> (GC) Amplified DNA Assays.</p>		



### BD ProbeTec™ ET Instrument & Equipment for CT, CT/GC and AP Assays

PRODUCT CODE	SIZE	DESCRIPTION
440482	1	BD ProbeTec™ ET - Lysing Heater (220V)
Warming block for lysing of probes during sample processing.		
440485	1	BD ProbeTec™ ET - Lysing Thermometer
Thermometer for the lysing block.		
440502	1	BD ProbeTec™ ET - Lysing Rack for 96 sample tubes
Heat-safe metal rack for securely holding the sample tubes during sample preparation and processing, including lysing samples on the lysing heater and allowing tubes to cool.		

440478	1	BD ProbeTec™ ET - Instrument	Available since 1999, the BD ProbeTec™ ET System is the first real-time DNA amplification assay for the detection of <i>Chlamydia trachomatis</i> (CT), <i>Neisseria gonorrhoeae</i> (GC), mycobacteria (TB), and atypical pneumonia (AP). Based on the proprietary BD technology, Strand Displacement Amplification (SDA) and real-time homogeneous detection with Energy Transfer (ET), the system design combines short time to results, minimal labour, high throughput and ease-of-use in a compact, one-room setup. The BD ProbeTec™ instrument performs simultaneous amplification and detection in a real time, one-hour assay format that enhances efficiency by enabling multiple instrument runs per shift. SDA takes place in sealed amplification microwells to prevent amplicon contamination. The system is capable of performing up to 96 reactions simultaneously (including positive and negative controls). Results are reported as positive, negative, or indeterminate. Daily maintenance is less than five minutes for the complete system. LIS connectivity and barcode accession support save time and eliminate errors.
440479	1	BD ProbeTec™ ET - Priming and Warming Heater (220V)	The BD ProbeTec™ ET Priming and Warming Heater is a double warming block with separately controlled temperature settings for the priming wells and the amplification wells.
440487	1	BD ProbeTec™ ET - Pipettor	Programmable and automated 8-channel pipettor for the transfer of samples among sample tubes, priming wells, and amplification wells during sample processing.
440492	2	BD ProbeTec™ ET - Pipettor Rechargeable Batteries	Rechargeable batteries for the BD ProbeTec™ ET pipettor.
440495	1	BD ProbeTec™ ET - Pipettor Stand	Metal holder for the pipettor.



## BD ProbeTec™ ET Instrument & Equipment for TB Assays only

PRODUCT CODE	SIZE	DESCRIPTION
440693	1	BD ProbeTec™ ET - Oven Filter

The BD ProbeTec™ ET Oven Filter filters air that comes out of the oven.



## BD ProbeTec™ ET Consumables

### BD ProbeTec™ Consumables for GC Assays

PRODUCT CODE	SIZE	DESCRIPTION
441123	384 tests	BD ProbeTec™ ET - GC/AC Reagent Pack
		BD ProbeTec™ ET <i>Neisseria gonorrhoeae</i> with Amplification Control (AC) reagent pack

### BD ProbeTec™ ET Consumables for CT Assays

PRODUCT CODE	SIZE	DESCRIPTION
220142	100 pcs.	BD ProbeTec™ ET - Collection Kit for Endocervical Specimens "wet swab"
		The BD ProbeTec™ ET <i>Chlamydia trachomatis</i> / <i>Neisseria gonorrhoeae</i> (CT/GC) Amplified DNA Assay Collection Kit for Endocervical Specimens is used to collect and transport patient endocervical specimens to the laboratory for testing with the BD ProbeTec™ ET <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> Amplified DNA Assays. The kit consists of a sterile cleaning swab, a sterile collection swab and a CT/GC Diluent tube for specimen transport. The large rayon-tipped cleaning swab is provided to clean the cervical os of blood and mucus prior to collection. The smaller polyurethane-tipped swab on a plastic shaft is used to collect the specimen for testing. After the specimen is collected, the swab is placed into the CT/GC Diluent tube and the shaft is broken at the score mark. The tube is recapped and transported to the testing facility.
220143	100 pcs.	BD ProbeTec™ ET - Collection Kit for Male Urethral Specimens "wet swab"
		The BD ProbeTec™ ET <i>Chlamydia trachomatis</i> / <i>Neisseria gonorrhoeae</i> (CT/GC) Amplified DANN Assay Collection Kit for Male Urethral Specimens is used to collect and transport male patient urethral specimens to the laboratory for testing with the BD ProbeTec™ ET <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> Amplified DANN Assays. The Kit consists of a sterile swab and a CT/GC Diluent tube for specimen transport. The rayon tipped collection swab consists of a flexible aluminium wire in a plastic shaft. After the specimen is collected, the swab is placed into the CT/GC Diluent tube and the shaft is broken at the score mark. The tube is recapped and transported to the testing facility.
440461	100 pcs.	BD ProbeTec™ Mini-Tip BD Culturette™ Direct
		Swabs used for the sample collection and transport of urethral specimens from male patients. Urethral Specimen Collection and Dry Transport System – Blue Cap (male).
440476	100 pcs.	BD ProbeTec™ Culturette™ Direct - Collection and Transport System
		Used for the sample collection and transport of endocervical specimens. Each BD Culturette™ Direct Cleaning-Collection and Transport System contains cleaning swabs, collection swabs, and collection tubes (100 of each). Endocervical Specimen Collection and Dry Transport System – Pink Cap (female).
440474	384 tests	BD ProbeTec™ ET - CT reagent pack with AC
		The BD ProbeTec™ ET <i>Chlamydia trachomatis</i> (CT) Amplified DNA Assay with Amplification Control (AC), when tested with the BD ProbeTec™ ET System, uses Strand Displacement Amplification (SDA) technology for the direct and qualitative detection of <i>Chlamydia trachomatis</i> DNA in endocervical swabs, male urethral swabs, and female and male urine specimens as evidence of infection with <i>C. trachomatis</i> . Specimens may be from symptomatic or asymptomatic female and male patients. Contains material for 384 tests.

## BD ProbeTec™ ET Consumables for TB Assays

PRODUCT CODE	SIZE	DESCRIPTION
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440610	96 tests	BD ProbeTec™ - (DTB) Direct Detection Reagent Pack
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The BD ProbeTec™ ET *Mycobacterium tuberculosis* Complex (DTB) Direct Detection Reagent Pack, for use with the BD ProbeTec™ ET system, utilises Strand Displacement Amplification (SDA) technology for the direct qualitative detection of *Mycobacterium tuberculosis* complex DNA from decontaminated, digested clinical respiratory samples such as sputa, induced sputa, bronchial washings and other respiratory specimens. It is to be used as a direct test for evaluating specimens from untreated patients that are suspected of having tuberculosis. Untreated patients are those who have not received anti-tuberculosis therapy or received such therapy in the last 12 months or had less than 7 days of therapy. The Pack contains 96 tests and also includes priming plate covers, amplification plate sealers and disposal bags.

440621	24 tests	BD ProbeTec™ - (CTB) Culture Confirmation Reagent Pack
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The BD ProbeTec™ ET *Mycobacterium tuberculosis* Complex (ctb) culture Identification Test, for use with the BD ProbeTec™ ET system, utilises Strand Displacement Amplification (SDA) technology for the identification of *Mycobacterium tuberculosis* complex DNA from solid or liquid cultures. Pack also includes priming plate covers, amplification plate sealers and disposal bags.

440631	20 controls	BD ProbeTec™ - (DTB) Direct Detection Control Set
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Includes 20 positive and 20 negative controls used with the BD ProbeTec™ ET *Mycobacterium tuberculosis* Complex (DTB) Direct Detection Reagent Test. One positive and one negative control must be included in each run.

440635	20 controls	BD ProbeTec™ - (CTB, KAN) Control Set
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Includes 20 positive and 20 negative controls used with the BD ProbeTec™ ET (CTB) and (KAN) Culture Identification Tests. One positive and one negative control must be included in each run.

440636	1 kit	BD ProbeTec™ - (CTB, KAN) Specimen Processing Kit
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Contains buffer solutions for the preparation of 100 solid or 200 liquid specimens. 1 bottle each of MCI wash buffer, MCI lysis buffer and MCI neutralisation buffer is included.

440643	1 kit	BD ProbeTec™ - (DTB) Direct Detection Specimen Processing Kit
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Contains buffer solutions for the preparation of 200 specimens. 1 bottle each of DTB wash buffer, DTB lysis buffer and DTB neutralisation buffer is included.

440661	200 units	BD ProbeTec™ ET - Sample Tubes and Caps (2 ml)
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Aerosol resistant tubes for mycobacteria testing with the (DTB), (CTB), (KAN) and (MAC) Reagent Packs for the BD ProbeTec™ ET system. Contains 200 tubes and 200 caps with a special rubber sealing.

440679	200 units	BD ProbeTec™ ET - Sample Tube Caps (2 ml)
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Additional caps with a special rubber sealing for the 2 ml Tubes (cat. no. 440661) used for mycobacteria testing.

## BD ProbeTec™ ET Consumables for CT/GC Assays

PRODUCT CODE	SIZE	DESCRIPTION
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440450	384 tests	BD ProbeTec™ ET - CT/GC Reagent Pack with AC
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The BD ProbeTec™ ET *Chlamydia trachomatis* (CT)/*Neisseria gonorrhoeae* (GC) Amplified DNA Assays with Amplification Control (AC), when tested with the BD ProbeTec™ ET system, use Strand Displacement Amplification (SDA) technology for the direct, qualitative detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* DNA in endocervical swabs, male urethral swabs, and female and male urine specimens as evidence of infection with *C. trachomatis*, *Neisseria gonorrhoeae*, or co-infection with both pathogens. Specimens may be from symptomatic and asymptomatic females for the CT assay and GC assay, from symptomatic or asymptomatic males for the CT assay, and from symptomatic males for the GC assays. Contains material for 384 tests.





440451	20 tests	BD ProbeTec™ ET - CT/GC Control Set	<i>Chlamydia trachomatis</i> (CT)/ <i>Neisseria gonorrhoeae</i> (GC) Control Set. Contains a positive and negative control to be included in each test run. Each kit contains reagents for 20 test runs, 20 positive and 20 negative.
440452	400 x 2 ml	BD ProbeTec™ ET - Swab Sample Diluent (CT/GC)	Transport tubes for collected specimens, either by the Mini-tip BD Culturette™ Direct or the BD Culturette™ Direct Cleaning-Collection and Transport System, that are pre-filled with 2 ml Sample Diluent. These tubes are intended for use with the CT or CT/GC Assays.
440453	4 bottles	BD ProbeTec™ ET - Diluent (CT/GC)	Used for resuspension of the pelleted specimen before lysis and for resuspension of positive and negative controls. Each kit contains 4 bottles (225 ml a piece).
440455	400 pcs.	BD ProbeTec™ ET - Sample Tubes and Caps (4 ml)	4 ml Sample Tubes and Caps that are used for the preparation of urine specimens for an BD ProbeTec™ ET Assay.
440456	400 pcs.	BD ProbeTec™ ET - Sample Tube Caps (4 ml)	Replacement caps for the BD ProbeTec™ ET Sample Tubes.
440457	1 kit	BD ProbeTec™ ET - Accessories Kit	The CT/GC Accessories Kit contains priming plate covers, amplification plate sealers and disposal bags (20 of each per kit).
440458	720 tips	BD ProbeTec™ ET - Pipette Tips	Sterile aerosol resistant pipette tips for the BD ProbeTec™ ET Pipettor. Total of 720 tips (6 racks of 120).
440705	384 tests	BD ProbeTec™ ET - CT/GC Reagent Pack without AC	The BD ProbeTec™ ET <i>Chlamydia trachomatis</i> (CT)/ <i>Neisseria gonorrhoeae</i> (GC) Amplified DNA Assays without Amplification Control(AC), when tested with the BD ProbeTec™ ET system, use Strand Displacement Amplification (SDA) technology for the direct, qualitative detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> DNA in endocervical swabs, male urethral swabs, and female and male urine specimens as evidence of infection with <i>C. trachomatis</i> , <i>Neisseria gonorrhoeae</i> , or co-infection with both pathogens. Specimens may be from symptomatic and asymptomatic females for the CT assay and GC assay, from symptomatic or asymptomatic males for the CT assay, and from symptomatic males for the GC assays. A separate Amplification Control is an option for inhibition testing (BD ProbeTec™ ET CT/GC with AC). Contains material for 384 tests.

## BD ProbeTec™ ET Instrument & Equipment for CT, CT/GC, TB and AP Assays

PRODUCT CODE	SIZE	DESCRIPTION
440488	1	PIP POWER SUPPL UK Power supply for ProbeTec Pipettor
440477	1	BD ProbeTec™ ET System The BD ProbeTec™ ET System is the first real-time DNA amplification assay for the detection of <i>Chlamydia trachomatis</i> (CT) and <i>Neisseria gonorrhoeae</i> (GC). Based on proprietary BD technology, Strand Displacement Amplification (SDA) and real-time homogeneous detection, the system's design combines short time-to-results, minimal labour, high throughput and ease-of-use to make the BD ProbeTec™ ET System the choice for laboratories throughout the world.
441048	1	ProbeTec™ Decapper Tool An attachment for an electric screwdriver for uncapping ProbeTec™ tubes.

# BD Viper™

## BD Viper™ ER System

PRODUCT CODE	SIZE	DESCRIPTION
441091	1	Viper™ ER Instrument (220V)

The BD Viper™ System offers industrial-class robotic automation on molecular testing. No pumps, valves, syringes or reagent tubing for minimum daily maintenance and maximum up-time. High throughput, up to 736 result per shift, and fast time to result enables labs to manage their increasing testing volumes and deliver results on time.



## BD Viper™ XTR System

PRODUCT CODE	SIZE	DESCRIPTION
440740	1	Viper™ XTR Instrument

The BD Viper™ System with XTR™ Technology and BD ProbeTec Qx chemistry offers fully automated, walk-away testing for *C. trachomatis* and *N. gonorrhoea*. Primary patient samples are loaded onto the system and the BD Viper™ System completes all processing up to result reporting. Incorporating pierceable caps, ready to use reagents, automated pipetting, automated BD Fox™ DNA extraction, Strand Displacement Amplification and connectivity to the Laboratory Information System, the BD Viper™ System eliminates virtually all manual steps and repetitive movements for dramatic reduction in labour, errors and time to result. Industrial class robotic automation, liquid level sensing and Extraction Control for every single reaction ensure consistent quality and confidence of results.



## BD Viper™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
440724	960	Viper™ Pipette Tips - Case (10 boxes; 96 tips/box)
		Pipette tips used by the Viper™ system for the processing of the amplified DNS assays.
440725	10	Viper™ Trash Box
		Cartoon trash boxes used with the Viper™ system for the collection of solid waste (used tips).
440726	10	Viper™ Trash Bags
		Plastic bags used with the Viper™ system and placed in the Viper™ trash box for the collection of solid waste (used tips).
441126	1152 tests	BD ProbeTec™ CT QX Amplified DNA Assay Reagent Pack
441124	1152 tests	BD ProbeTec™ GC QX Amplified DNA Assay Reagent Pack
441125	1	Control Set for CT/GC QX Amplified DNA Assays
441361	48 tubes/box	Swab Diluent for CT/GC QX Amplified DNA Assays
441129	384 tubes/box	Extraction Tubes for CT/GC QX Amplified DNA Assays
441128	12 each/box	Extraction Reagents and Lysis Trough for CT/GC QX Amplified DNA Assays
441444	48 tubes/box	LBC Dilution Tubes for CT/GC QX Amplified DNA Assays
441443	4 bags/100 each	LBC Dilution Tubes Caps for CT/GC QX Amplified DNA Assays
441362	100 per box	Urine Preservative Transport for CT/GC QX Amplified DNA Assays





441122	100 per box	Vaginal Specimen Transport for CT/GC QX Amplified DNA Assays
441357	100 per box	Female Endocervical Specimen Collection Kit for CT/GC QX Amplified DNA Assays
441358	100 per box	Male Urethral Specimen Collection Kit for CT/GC QX Amplified DNA Assays
441354	12 each/box	BD Viper™ XTR Neutralisation Pouch
441091	1 per instrument	BD Viper™ XTR Instrument Manual
441489	1	BD Viper™ ER Feature Pack Software
440752	8	Microwell package for Viper™
440976	1	BD Viper™ Lysing Heater (230V)
441074	1	TOOL VACUUM VIPER SP

Tool utilised by the Viper system for the automatic sealing of the amplification plate. The tool should be replaced during each monthly maintenance.

# BD GeneOhm Rapid Nucleic Acid Based Diagnostics



# BD GeneOhm Rapid Nucleic Acid Based Diagnostics

## BD GeneOhm™ Rapid MRSA Testing

MRSA Testing. . . . .	84
MRSA/MSSA Testing . . . . .	84
StrepB Testing . . . . .	85
Vancomycin-resistant Enterococci (VRE) . . . . .	85
Clostridium difficile testing. . . . .	85
Lysis Kit . . . . .	85

# BD GeneOhm Rapid Nucleic Acid Based Diagnostics



## BD GeneOhm™ Rapid MRSA Testing

### MRSA Testing

PRODUCT CODE	SIZE	DESCRIPTION
441242	200 test	BD GeneOhm™ MRSA Assay  BD GeneOhm™ MRSA assay is a qualitative <i>in vitro</i> diagnostic test for the direct detection of nasal colonisation by methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) to aid in the prevention and control of MRSA infections in healthcare settings. The test performed on the Smart Cycler® instrument with a nasal swab specimen from patients at risk for colonisation, utilises polymerase chain reaction (PCR) for the amplification of MRSA DNA and fluorogenic target-specific hybridisation probes for the detection of the amplified DNA.
441244	48 tests	BD GeneOhm™ MRSA Assay  BD GeneOhm™ MRSA assay is a qualitative <i>in vitro</i> diagnostic test for the direct detection of nasal colonisation by methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) to aid in the prevention and control of MRSA infections in healthcare settings. The test performed on the Smart Cycler® instrument with a nasal swab specimen from patients at risk for colonisation, utilises polymerase chain reaction (PCR) for the amplification of MRSA DNA and fluorogenic target-specific hybridisation probes for the detection of the amplified DNA.

### MRSA/MSSA Testing

PRODUCT CODE	SIZE	DESCRIPTION
441252	48 tests	BD GeneOhm™ StaphSR Assay  The BD GeneOhm™ StaphSR Assay is a qualitative <i>in vitro</i> diagnostic test for the rapid detection of <i>Staphylococcus aureus</i> (SA) and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) directly from positive blood culture. The assay utilises polymerase chain reaction (PCR) for the amplification of specific targets and fluorogenic target-specific hybridisation probes for the real-time detection of the amplified DNA. The assay is performed on Gram-positive cocci, identified by Gram stain, from positive blood cultures. The BD GeneOhm™ StaphSR Assay is not intended to monitor treatment for MRSA/SA infections. Subculturing of positive blood cultures is necessary for further susceptibility testing.
441253	200 tests	BD GeneOhm™ StaphSR Assay  The BD GeneOhm™ StaphSR Assay is a qualitative <i>in vitro</i> diagnostic test for the rapid detection of <i>Staphylococcus aureus</i> (SA) and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) directly from positive blood culture. The assay utilises polymerase chain reaction (PCR) for the amplification of specific targets and fluorogenic target-specific hybridisation probes for the real-time detection of the amplified DNA. The assay is performed on Gram-positive cocci, identified by Gram stain, from positive blood cultures.

## StrepB Testing

PRODUCT CODE	SIZE	DESCRIPTION
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441240	50 tests	BD GeneOhm™ StrepB Assay
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BD GeneOhm™ StrepB assay is a qualitative *in vitro* diagnostic test for the rapid detection of Group B streptococcus (GBS) DNA in vaginal/rectal specimens from prepartum or intrapartum women. The test performed on the Smart Cycler® automated analyser utilises polymerase chain reaction (PCR) for the amplification of a *cfb* gene sequence of GBS recovered from clinical samples and fluorogenic target-specific hybridisation for the detection of the amplified DNA. BD GeneOhm™ StrepB assay can be used to establish GBS colonisation status of prepartum and intrapartum women.

## Vancomycin-resistant Enterococci (VRE)

PRODUCT CODE	SIZE	DESCRIPTION
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441250	48	BD GeneOhm™ VanR assay
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The BD GeneOhm™ VanR assay is a qualitative *in vitro* polymerase chain reaction (PCR) test for the detection of vancomycin-resistant genes associated with vancomycin-resistant enterococci (VRE), directly from perianal and rectal swabs.

## Clostridium difficile testing

PRODUCT CODE	SIZE	DESCRIPTION
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441400	48 tests	BD GeneOhm™ Cdiff Assay
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The BD GeneOhm™ Cdiff Assay is the only CDI diagnostic test that combines high assay sensitivity with a rapid turnaround time of less than two hours, facilitating earlier appropriate treatment of patients suffering from CDI and earlier implementation of infection control interventions to prevent transmission of *Clostridium difficile* to other patients.

441401	200 tests	BD GeneOhm™ Cdiff Assay
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The BD GeneOhm™ Cdiff Assay is the only CDI diagnostic test that combines high assay sensitivity with a rapid turnaround time of less than two hours, facilitating earlier appropriate treatment of patients suffering from CDI and earlier implementation of infection control interventions to prevent transmission of *Clostridium difficile* to other patients.

## Lysis Kit

PRODUCT CODE	SIZE	DESCRIPTION
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441243	100 reactions	BD GeneOhm™ Lysis Kit
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BD GeneOhm™ Lysis kit is for the rapid lysis of cells and spores from different sample types.

# Mycobacteria Testing Systems



# Mycobacteria Testing Systems

## BD BACTEC™ MGIT™ Automated Mycobacteria Testing

BD BACTEC™ MGIT™ 960 Accessories & Supplies. . . . .	88
BD BACTEC™ MGIT™ 960 Media & Kits for Susceptibility Testing . . . . .	89
BD BACTEC™ MGIT™ 960 Media for Growth & Detection . . . . .	90
BD BACTEC™ MGIT™ 960 Mycobacteria Testing System. . . . .	90

## BD Manual Mycobacteria Testing

BD BBL™ & BD Difco™ DCM & Enrichments for Mycobacteria Testing . . . . .	91
BD BBL™ Prepared Media (PPMs & Tubes) for Mycobacteria Testing . . . . .	92
BD MGIT™ Mycobacteria Growth Indicator Tube Products . . . . .	92
BD MGIT™ System Accessories & Supplies. . . . .	92
BD Taxo™ Identification & Differentiation of Mycobacteria. . . . .	92

## BD Mycobacteria Specimen Collection, Processing & Staining

BD BBL™ Accessories & Supplies for Acid-Fast Procedures . . . . .	93
BD Kinyoun (cold) Acid-Fast Procedure. . . . .	93
BD MycoPrep™ Mycobacteria Specimen Digestion & Decontamination . . . . .	94
BD TB Fluorescent Stain Kits. . . . .	94
BD Ziehl-Neelsen (hot) Acid-Fast Procedure . . . . .	94

# Mycobacteria Testing Systems



## BD BACTEC™ MGIT™ Automated Mycobacteria Testing

### BD BACTEC™ MGIT™ 960 Accessories & Supplies

PRODUCT CODE	SIZE	DESCRIPTION
445941	1 kit	BD BACTEC™ MGIT™ 960 - AST Starter Kit <ul style="list-style-type: none"> <li>Includes:</li> <li>• User Manual</li> <li>• Quick reference guide</li> <li>• 2 x Transport rack</li> <li>• 16 x 5-tube AST Set carrier</li> <li>• 16 x 2-tube AST Set carrier</li> <li>• 3 x 3-tube AST Set carrier</li> <li>• 3 x 4-tube AST Set carrier and</li> <li>• 3 x 8-tube AST Set carrier</li> </ul>
445943	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (5-tube) 445943: AST Carrier Set (5-tube)
445944	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (4-tube) 445944: AST Carrier Set (4-tube)
445945	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (3-tube) 445945: AST Carrier Set (3-tube)
445946	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (2-tube) 445946: AST Carrier Set (2-tube)
445993	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (8-tube) 445993: AST Carrier Set (8-tube)
442004	100	12B: Mycobacterial Middlebrook 7H12 Medium The qualitative BACTEC™ 12B mycobacteria medium is recommended for the culture and recovery of mycobacteria from clinical specimens, sputum, gastric, urine, tissue, mucopurulent specimens, other body fluids and other respiratory secretions, differentiation of the <i>Mycobacterium tuberculosis</i> complex from other mycobacteria and drug susceptibility testing of <i>M. tuberculosis</i> .
442102	1	Anti TB Drugs (100 tests) BACTEC S.I.R.E. Drugs (Streptomycin, Isoniazid, Rifampin and Ethambutol) are recommended as additives to BACTEC 12B culture medium for the qualitative susceptibility testing of <i>M. tuberculosis</i> from culture.
442104	10	Diluting Fluid (10 tests) BACTEC™ Diluting Fluid is used in procedures where mycobacterial cultures are diluted for inoculation. Its main use is in the standard BACTEC™ drug susceptibility testing of <i>M. tuberculosis</i> . In this procedure the inoculum is diluted 1:100 for the control vial. Diluting Fluid may also be used to dilute cultures in other procedures such as the NAP test or any other test where dilution of a test culture suspension is required.

442139	10	PZA Test Medium (5 tests)	BACTEC™ PZA Test Medium (Middlebrook 7H12 Broth, pH 6.0) is specially developed to perform susceptibility testing with <i>Mycobacterium tuberculosis</i> against pyrazinamide (PZA). Principal use is with the BACTEC™ 460TB instrument.
442143	1	PZA Drug/Reconstituting Fluid (50 tests)	BACTEC™ Pyrazinamide (PZA) Drug Kit is for pyrazinamide susceptibility testing. Principal use is with BACTEC PZA Test Medium in conjunction with the BACTEC™ 460TB instrument. Pyrazinamide is provided in lyophilised form along with a special Reconstituting Fluid (RF) for use with BACTEC™ PZA Test Medium for susceptibility testing of <i>Mycobacterium tuberculosis</i> .
442187	50	Myco/F-Sputa Medium	MYCO/F-Sputa culture media with the addition of BACTEC™ Supplement/F and BACTEC™ PANTA™/F antibiotic mixture, when appropriate, is used with the BACTEC™ Brand 9000MB fluorescent series instrument as a qualitative procedure for the <i>in vitro</i> culture and recovery of mycobacteria. Acceptable specimens to be used are digested decontaminated clinical specimens and sterile body fluids other than blood.
442188	10	PANTA™/F (50 tests)	BACTEC™ PANTA™/F Antimicrobial Supplement is recommended as an addition to BACTEC MYCO/F-Sputa Medium for the primary isolation of mycobacteria from clinical specimens. PANTA/F suppresses the normal flora associated with digested and decontaminated specimens. Principal use is with the BACTEC brand 9000MB instrument.
442189	10	Supplement/F (50 tests)	BACTEC™ Supplement/F Media Supplement is a required supplement to MYCO/F-Sputa Medium for the recovery of mycobacteria. In addition, it is used to reconstitute PANTA™/F Antimicrobial Supplement. Principal use is with MYCO/F- Sputa Medium and with the BACTEC brand 9000MB instrument.
444764	1	PANTA™ Plus (250 tests)	BACTEC™ PANTA™ PLUS is an antimicrobial supplement composed of BACTEC™ PANTA™ Supplement and BACTEC™ Reconstituting Fluid. Principal use is with the BACTEC™ 460TB System instrument. BACTEC™ PANTA™ Supplement is recommended as an addition to BACTEC™ 12B Medium during the primary isolation of mycobacteria and direct drug susceptibility testing from clinical specimens. BACTEC™ PANTA™ Supplement suppresses the normal flora associated with the digested and decontaminated clinical specimens.
445942	1	BD BACTEC™ MGIT™ 960 - AST Transport Rack	

## BD BACTEC™ MGIT™ 960 Media & Kits for Susceptibility Testing

PRODUCT CODE	SIZE	DESCRIPTION
245115	25 tubes	BD BACTEC™ MGIT™ 960 - PZA Medium  The BD BACTEC™ MGIT™ 960 PZA Medium is a tube containing modified Middlebrook 7H9 Broth with a reduced pH of 5.9 and is to be used for susceptibility testing of <i>Mycobacterium tuberculosis</i> .
245123	1 kit	BD BACTEC™ MGIT™ 960 - SIRE Kit  The BD BACTEC™ MGIT™ 960 SIRE Kit is a rapid qualitative procedure for susceptibility testing of <i>Mycobacterium tuberculosis</i> , from culture, to streptomycin (STR), isoniazid (INH), rifampin (RIF) and ethambutol (EMB). Carton of 4 lyophilised drug vials, and 8 SIRE Supplements.
245125	1 kit	BD BACTEC™ MGIT™ 960 - STR 4.0 Kit  The STR (Streptomycin) 4.0 Test Kit is intended for the susceptibility testing of <i>M. tuberculosis</i> to MOP (Method of Proportion) high concentration of streptomycin (4.0 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE Supplements.



245126	1 kit	BD BACTEC™ MGIT™ 960 - INH 0.4 Kit	The INH (Isoniazid) 0.4 Test Kit is intended for the susceptibility testing of <i>M. tuberculosis</i> to MOP (Method of Proportion) high concentration of isoniazid (0.4 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE supplements.
245127	1 kit	BD BACTEC™ MGIT™ 960 - EMB 7.5 Kit	The EMB (Ethambutol) 7.5 Test Kit is intended for the susceptibility testing of <i>M. tuberculosis</i> to MOP (Method of Proportion) high concentration of ethambutol (7.5 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE supplements.
245128	1 kit	BD BACTEC™ MGIT™ 960 - PZA Kit	The BD BACTEC™ MGIT™ 960 PZA Kit is used for susceptibility testing of <i>Mycobacterium tuberculosis</i> in culture to pyrazinamide (PZA) in a qualitative test lasting 4-17 days. The Kit contains 2 vials of lyophilised antimicrobic and 6 vials of SIRE Supplement. PZA must be reconstituted with 2.5 ml of sterile/deionized water before addition to BBL™ MGIT™ tubes. Carton of 2 lyophilised vials and 6 PZA Supplements, sufficient for 50 tests.

## BD BACTEC™ MGIT™ 960 Media for Growth & Detection

PRODUCT CODE	SIZE	DESCRIPTION
245122	100 tubes	BD BACTEC™ MGIT™ 960 - Tubes 7 ml
		The BACTEC™ MGIT™ Tube is intended for the detection and recovery of mycobacteria using the BD BACTEC™ MGIT™ 960 system. Each plastic tube has a screw-top cap and contains 7 ml of modified Middlebrook 7H9 Broth base, which is supplemented with BD BACTEC™ MGIT™ Growth Supplement (Cat. No. 245124). Acceptable specimen types are digested and decontaminated clinical specimens (except urine) and sterile body fluids (except blood). Additionally, these tubes can also be used for antimicrobial susceptibility testing of mycobacteria, including SIRE and PZA testing. BD BBL™ MGIT™ tubes should be stored between 2-25° C.
245124	1 kit	BD BACTEC™ MGIT™ 960 - Supplement Kit
		The kit includes 6 vials of lyophilised BBL™ MGIT™ PANTA™ Antibiotic Mixture and 6 vials of 15 ml BD BACTEC™ MGIT™ 960 Growth Supplement. The BD BACTEC™ MGIT™ Growth Supplement contains Middlebrook OADC enrichment (Oleic acid, Bovine albumin, Dextrose, Catalase and Polyoxyethylene stearate [POES]). The BBL™ MGIT™ PANTA™ Antibiotic Mixture contains Polymyxin B, Amphotericin B, Nalidixic acid, Trimethoprim and Azlocillin. The Supplement Kit should be stored between 2-25° C and is sufficient for approximately 100 tests.

## BD BACTEC™ MGIT™ 960 Mycobacteria Testing System

PRODUCT CODE	SIZE	DESCRIPTION
445870	1	BD BACTEC™ MGIT™ 960 - Mycobacterial Detection Instrument
		The BD BACTEC™ MGIT™ 960 Instrument is a nonradiometric and fully automated system for the rapid detection of mycobacteria in clinical specimens other than blood. The BD BACTEC™ MGIT™ 960 is also used for the antimicrobial susceptibility testing of mycobacteria, including SIRE and PZA susceptibility testing. The instrument has a maximum capacity of 960 BBL™ MGIT™ tubes (7 ml), or with a 42-day detection protocol, approximately 8000 specimens per year. The BD BACTEC™ MGIT™ 960 System, in conjunction with the BD EpiCenter™ Data Management System, allows for long-term data storage and historical trending as well as a bidirectional interface with a LIS. This enables long-term tracking of individual TB patients, infection control and epidemiology analysis.
445871	17 vials	BD BACTEC™ MGIT™ 960 - Calibrators Kit
445999	51 vials	16 vials are sufficient for 1 drawer.

# BD Manual Mycobacteria Testing

## BD BBL™ & BD Difco™ DCM & Enrichments for Mycobacteria Testing

PRODUCT CODE	SIZE	DESCRIPTION
212203	500 g	Middlebrook 7H11 Agar Base  Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and glycerol must be added to the agar base before use.
262710	500 g	Middlebrook 7H10 Agar  Used for the isolation, cultivation and susceptibility testing of mycobacteria. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and glycerol must be added; the complete prepared plated medium (with OADC) is available under Cat. No. 254520, Middlebrook and Cohn 7H10 Agar (see chapter 4-2 of this catalogue).
271310	500 g	Middlebrook 7H9 Broth  For cultivation of mycobacteria and preparation of tubercle emulsion for susceptibility testing.

## BD BBL™ Prepared Media (PPMs & Tubes) for Mycobacteria Testing

PRODUCT CODE	SIZE	DESCRIPTION
221388	10 slants	Lowenstein-Jensen Medium
221387	100 slants	For Semi-Qualitative Catalase Test. Lowenstein-Jensen Medium Deeps contain an enriched eggbased medium and are used for the cultivation of mycobacteria, including <i>Mycobacterium tuberculosis</i> . Deeps are tubes of hardened agar medium which are inoculated by “stabbing” the inoculum into the agar. Used for for Semi-Qualitative Catalase Test. 221257: Prepared Deeps, Tubes Size A 220908 & 220909: Prepared slants, tubes Size A 221387 & 221388: Prepared slants, tubes Size C
221832	10 x 5 ml	Middlebrook 7H9 Broth with Glycerol  Middlebrook 7H9 Broth with Glycerol is a non-selective liquid culture medium for the cultivation of mycobacteria, including <i>M. tuberculosis</i> . It is used primarily for growth of pure cultures of mycobacteria for use in laboratory studies. Prepared tubes, 5 ml, Size K.
221870	10	Seven H11 Agar (Deep Fill)  Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. Prepared Plates, Deep Fill.
254520	20	Middlebrook and Cohn 7H10 Agar
254521	120	Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of mycobacteria. The sodium citrate, when converted to citric acid, holds certain inorganic cations in solution. Glycerol is an abundant source of carbon and energy. Oleic acid, as well as other long chain fatty acids, can be utilised by tubercle bacilli and plays an important role in the metabolism of mycobacteria. Catalase destroys toxic peroxides that may be present in the medium. The primary effect of albumin is that of protection of the tubercle bacilli against toxic agents, therefore enhancing their recovery by primary isolation. Partial inhibition of bacteria is achieved by the presence of the malachite green dye.
298292	100	Middlebrook 7H10/7H11 Selective Agar  Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. These bi-plates provide two media, one moderately selective and one highly selective, for the recovery of mycobacteria from specimens containing mixed flora. The Middlebrook 7H11 Agar is contained in the sector differentiated by the Roman numeral “I” moulded into the bottom of the sector. The 7H11 Selective Agar is contained in the sector marked “II”.





## BD MGIT™ Mycobacteria Growth Indicator Tube Products

PRODUCT CODE	SIZE	DESCRIPTION
245111	25 tubes	BD MGIT™ - Tubes (manual, 4 ml)
245113	100 tubes	The MGIT™ Mycobacteria Growth Indicator Tubes contain 4 ml of Middlebrook 7H9 Broth base with a fluorescent indicator and is intended for the manual detection and recovery of mycobacteria. The broth is contained in a plastic tube with screw-top cap and supplemented with BD MGIT™ OADC enrichment (Cat. No. 245116) and BD MGIT™ PANTA™ antibiotic mixture (Cat. No. 245114). Acceptable specimen types are digested and decontaminated clinical specimens (except urine) and sterile body fluids (except blood). A culture-positive sample is identified by the observation of non-homogenous turbidity or fluorescence, the latter of which is observed using a 365 nm UV transilluminator, a longwave UV light (Wood's lamp) or the BD MicroMGIT Reader.
245114	6 vials	BD MGIT™ - PANTA™ Antibiotic Mixture  The BD MGIT™ PANTA™ Antibiotic Mixture suppresses growth of contaminating or normal flora, enhancing growth and detection of mycobacteria in BD MGIT™ Tubes. Each vial contains a lyophilised antibiotic mixture of polymyxin B, amphotericin B, nalidixic acid, trimethoprim and azlocillin. Carton of 6 vials, each vial sufficient for 25 BD MGIT™ tubes.
245116	6 vials	BD MGIT™ - OADC Enrichment  The BD MGIT™ OADC enrichment provides substances essential for the rapid growth of mycobacteria in BD MGIT™ 4 ml Tubes. OADC stands for oleic acid, albumin, dextrose and catalase. 6 ready to use vials containing 15 ml each, sufficient for 25 BD MGIT™ tubes.

## BD MGIT™ System Accessories & Supplies

PRODUCT CODE	SIZE	DESCRIPTION
441049	1	BD BACTEC™ - MicroMGIT Calibrator  Used for calibration of the BD BACTEC™ - MicroMGIT Fluorescence Reader (Cat. No. 445923).
445923	1	BD BACTEC™ - MicroMGIT Fluorescence Reader  The BD BACTEC™ MicroMGIT Fluorescence Reader is used for the qualitative reading of fluorescence in BD MGIT™ Tubes (4 ml). The reader has a standard 9 volt battery, a low voltage indicator, and dimensions of 9.2 cm x 14.5 cm x 12.0 cm (W x D x H). A calibration tube is included.

## BD Taxo™ Identification & Differentiation of Mycobacteria

PRODUCT CODE	SIZE	DESCRIPTION
231735	50 discs	BD Taxo™ - TB Niacin Test Control  BD Taxo™ TB Niacin Test Controls are impregnated with nicotinamide and give a positive reaction when tested with a TB Niacin Test Strip. For use with BD Taxo™ TB Niacin Test Strips (Cat. No. 231741). Contains 50 discs per hand-dispensing cartridge, sufficient for 50 tests.
231736	50 discs	BD Taxo™ - INH Test Control  The BD Taxo™ INH Test Control is an impregnated disc that will yield a positive result in the test procedure. For use with Cat. No. 231743. White, ¼" paper disks with "I" over "C", sufficient for 50 tests.

231741	25 strips	BD Taxo™ - TB Niacin Test Strips
BD Taxo™ TB Niacin Test Strips assist in the detection of mycobacteria by detecting niacin in culture medium. All mycobacteria produce nicotinic acid, or niacin, which accumulates in culture medium and can be detected using these strips. When BD Taxo™ TB Niacin Test Strips turn yellow, the culture is mycobacteria positive and when no colour appears, the culture is negative. Contains 1 vial with 25 strips, sufficient for 25 tests.		
231742	25 strips	BD Taxo™ - Nitrite Test Strips
BD Taxo™ Nitrite Test Strips are used for differentiation of microorganisms (particularly mycobacteria) based on the reduction of nitrates to nitrites. The nitrate reduction test separates slow growing mycobacteria that are nitrate-positive (e.g., <i>M. tuberculosis</i> , <i>M. kansasii</i> and <i>M. fortuitum</i> ) from rapid growers that are negative or only weakly positive (e.g., <i>M. bovis</i> , <i>M. avium</i> complex and <i>M. intracellulare</i> ). The presence of the enzyme nitrate reductase is detected by appearance of a blue-coloured end product on the strip, indicating a positive reaction. Sufficient for 25 tests.		
231743	25 strips	BD Taxo™ - INH Test Strips
BD Taxo™ INH Test Strips are used for the detection of isoniazid (INH) and its metabolites in urine. When INH or its metabolites are present in a urine sample, contact with the BD Taxo™ INH strip will change the strip colour to green, blue or purple. This strip is a modification of Kilburn and Kubica's procedure for detecting niacin produced by <i>M. tuberculosis</i> . White paper strips encased in a plastic tube. Arrows are imprinted on both sides. Sufficient for 25 tests; storage should be at 2-8° C.		

## BD Mycobacteria Specimen Collection, Processing & Staining

### BD BBL™ Accessories & Supplies for Acid-Fast Procedures

PRODUCT CODE	SIZE	DESCRIPTION
231391	50 pcs.	Acid Fast Bacilli (AFB) Quality Control Slide
The BD BBL™ Acid fast Bacilli (AFB) QC Slides are conventional 1" x 3" microscope slides imprinted with two circles. One circle is an acid-fast positive control with <i>Staphylococcus aureus</i> and <i>Bacillus subtilis</i> plus inactivated <i>Mycobacterium tuberculosis</i> H37Ra. The other circle is a negative control with an unstained mixture of non-acid-fast cocci ( <i>Staphylococcus aureus</i> ) and bacilli ( <i>Bacillus subtilis</i> ). AFB Slides, individually wrapped, sufficient for 50 tests.		



### BD Kinyoun (cold) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
212518	4 x 250 ml	TB Carbol-fuchsin KF
Individual component of the TB Stain Kit K (Cat. No. 212522) for staining mycobacteria by the Kinyoun (cold) acid-fast procedure.		
212522	1 kit	TB Stain Kit K
For staining mycobacteria by the Kinyoun (cold) acid-fast procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Carbol-fuchsin KF</li> <li>• TB Decolouriser</li> <li>• TB Brilliant Green K</li> </ul>		
212523	4 x 250 ml	TB Brilliant Green K
Individual component of the TB Stain Kit K (Cat. No. 212522) for staining mycobacteria by the Kinyoun (cold) acid-fast procedures. May be used also for staining mycobacterial by the Ziehl-Neelsen (hot) acid-fast procedures.		



## BD MycoPrep™ Mycobacteria Specimen Digestion & Decontamination

PRODUCT CODE	SIZE	DESCRIPTION
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240862	10 x 75 ml	BD MycoPrep™ - Specimen Digestion/Decontamination Kit
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240863	10 x 150 ml	
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This kit contains reagents necessary for the preparation of respiratory and non-respiratory (blood excluded) specimens for identification of mycobacteria. The kit includes bottles of NaOH-citrate solution (containing a plastic ampule with NALC) and powdered phosphate buffer. After activation of the NALC ampule, the NALC-NaOH mixture is stable for 24 hours. This kit should be stored at room temperature.

- Cat. No. 240862 contains 5 packages of powdered phosphate buffer (pH 6.8)
- Cat. No. 240863 contains 10 packages of powdered phosphate buffer (pH 6.8)

## BD TB Fluorescent Stain Kits

PRODUCT CODE	SIZE	DESCRIPTION
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212519	1 kit	TB Fluorescent Stain Kit M
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For staining mycobacteria by the Morse, Blair, Weiser and Sproat fluorescent procedure.

Each kit contains 1 bottle (250 ml) each of

- TB Auramine M
- TB Decolouriser TM
- TB Potassium Permanganate

## BD Ziehl-Neelsen (hot) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
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212516	4 x 250 ml	TB Methylene Blue
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Individual component of the TB Stain Kit ZN (Cat. No. 212520) for staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure. May also be used for staining mycobacteria by the Kinyoun (cold) acid-fast procedure.

212517	4 x 250 ml	TB Decolourizer
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Individual component of the TB Stain Kit ZN (Cat. No. 212520) and TB Stain Kit K (Cat. No. 212517) for staining mycobacteria by the Kinyoun (cold) and Ziehl-Neelsen (hot) acid-fast procedures.

# BD BBL Prepared Media



## BD BBL™ Prepared Media

### BD BBL™ Prepared Plated Media (PPM)

BD BBL™ PPMs (120 mm Square Plates) . . . . .	98
BD BBL™ PPMs (150 mm Plates) . . . . .	98
BD BBL™ PPMs (90 mm BD Stacker™ Plates) . . . . .	98
BD CHROMagar™ Plates . . . . .	104
Culture & Analysis Media: BD Bacto™ - BBL™ - Difco™ Quality . . . . .	104

### BD BBL™ Prepared Tubed Media (PTM)

BD Liquid & Solid Media in Prepared Bottles . . . . .	108
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### BD Prepared Media for Environmental Monitoring

BD BBL™ Gamma Irradiated Plates for Environmental Monitoring . . . . .	109
BD BBL™ Isolator Pack XT . . . . .	111
BD BBL™ Isolator Plates for Hygiene Monitoring . . . . .	112
BD BBL™ Non-Gamma Irradiated Plates for Hygiene Monitoring . . . . .	112
BD Bottled Media for Sterility Testing . . . . .	113
BD Hycheck™ Contact Slides for Hygiene & Sterility Control . . . . .	114
BD Sterile Pack RODAC™ SL Plated Media . . . . .	114

# Prepared Media



## BD BBL™ Prepared Plated Media (PPM)

### BD BBL™ PPMs (120 mm Square Plates)

PRODUCT CODE	SIZE	DESCRIPTION
254518	20	Mueller Hinton II Agar

Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly-growing aerobic organisms to antimicrobial agents.

### BD BBL™ PPMs (150 mm Plates)

PRODUCT CODE	SIZE	DESCRIPTION
221954	8	Haemophilus Test Medium Agar

HTM Agar is used in the antimicrobial disc diffusion susceptibility procedure for *Haemophilus influenzae* and related species as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).

254062	20	Mueller Hinton II Agar
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Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly-growing aerobic organisms to antimicrobial agents.

255080	20	Mueller Hinton Agar with 5% Sheep Blood
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BD BBL™ Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardised by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).



### BD BBL™ PPMs (90 mm BD Stackert™ Plates)

PRODUCT CODE	SIZE	DESCRIPTION
254443	20	Aeromonas Yersinia Agar

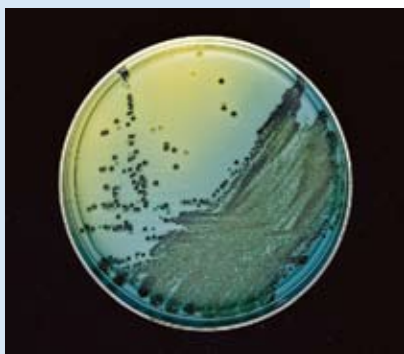
Aeromonas Yersinia Agar is a selective differential medium for the isolation of both *Yersinia enterocolitica* and *Aeromonas* spp. from a variety of clinical and non-clinical specimens. Aeromonas Yersinia Agar is a modification of CIN Agar that supports growth of *Aeromonas* species due to a reduced cefsulodin concentration and also supports growth of *Yersinia enterocolitica*.

254480	20	Bacteroides Bile Esculin Agar with Amikacin (BBE Agar)
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Selective medium for the isolation and presumptive identification of the *Bacteroides fragilis* group.

254400	20	Bordet Gengou Agar with 15% Sheep Blood
Bordet Gengou Agar with 15% Sheep Blood is a selective medium for the isolation of <i>Bordetella pertussis</i> and <i>B. paraptussis</i> .		
255003	20	Brain Heart Infusion Agar
Brain Heart Infusion (BHI) Agar is a general-purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts and moulds. BHI Agar is one formulation in which meat infusion is used, although, unlike in the earlier days, the infusion components are solids resulting from the drying of the liquid infusion material rather than the liquid components themselves. Peptones are also included as sources of nutrients. BHI Agar has proven to be effective in the cultivation of a wide variety of microorganisms, including many types of pathogens. BHI Agar can be used as a general medium for aerobic bacteriology and for the primary recovery of fungi from clinical specimens.		
255027	20	Brucella Agar with 5% Horse Blood
Brucella Agar with 5% Horse Blood is a non-selective Medium which is used for the isolation and growth of both fastidious and non-fastidious bacterial species, including <i>Brucella</i> spp., <i>Haemophilus</i> spp. and <i>Streptococcus pneumoniae</i> .		
254464	20	Campylobacter Agar Skirrow
Campylobacter Agar Skirrow is a selective medium for the isolation of <i>Campylobacter</i> species from clinical and other specimens.		
254001	20	Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood (CampyBAP)
254069	120	Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood (Campy-BAP) is a selective medium for the primary isolation of <i>Campylobacter jejuni</i> and other cephalothin-resistant <i>Campylobacter</i> species from stool specimens.
256506	20	CDC Anaerobe 5% Sheep Blood Agar
CDC Anaerobe 5% Sheep Blood Agar is used for the isolation and cultivation of fastidious and slow growing, obligate anaerobic bacteria from a variety of clinical and non-clinical materials. It also supports good growth of most aerobic, facultatively anaerobic and microaerophilic bacteria if incubated appropriately.		
257011	20	Chocolate Agar (Blood Agar No. 2 Base)
Chocolate Agar (Blood Agar No. 2 Base) is a medium for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species. It is an alternative medium for the isolation of fastidious organisms from clinical specimens.		
254060	20	Chocolate Agar (GC Agar with BD IsoVitalX™)
Chocolate Agar (GC Agar with BD IsoVitalX™) is an improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species, from a variety of clinical specimens within 24 hours.		
254089	120	Chocolate Agar (GC Agar with BD IsoVitalX™)
Chocolate Agar (GC Agar with BD IsoVitalX™) is an improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species, from a variety of clinical specimens within 24 hours.		
254046	20	Chocolate Agar with BD IsoVitalX™ and Bacitracin
Chocolate Agar with BD IsoVitalX™ and Bacitracin and Brain Heart Infusion Agar with 5% Horse Blood and Bacitracin are selective media for the isolation of <i>Haemophilus</i> species, especially <i>H. influenzae</i> from clinical specimens.		
254003	20	CLED Agar
CLED Agar (Cystine-Lactose-Electrolyte-Deficient Agar) is a differential culture medium for use in enumerating bacteria in urine. It supports the growth of urinary pathogens and contaminants but prevents undue swarming of <i>Proteus</i> species due to its lack of electrolytes.		

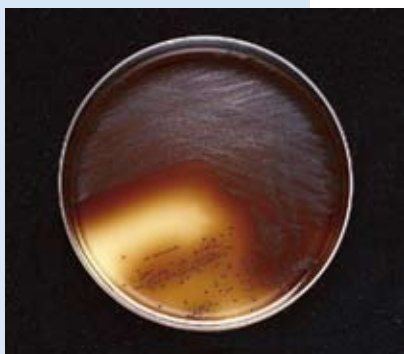




255529	20	CLED Agar (Bevis)	CLED Agar (Bevis) is a modified CLED Agar used for the isolation and determination of the viable count from urine specimens.
222228	10	Clostridium Difficile Selective Agar	CDS Agar is recommended as a selective and differential medium for the primary isolation of <i>Clostridium difficile</i> from faecal specimens.
254406	20	Clostridium Difficile Agar with 7% Sheep Blood	This is a selective medium for the primary isolation of <i>Clostridium difficile</i> from faecal specimens.
254005	20	Columbia Agar with 5% Sheep Blood	This is a highly nutritious general purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and non-clinical materials. It derives its superior growth-supporting properties from the combination of two peptones, and yeast extract as a supplier of the B complex vitamins. On this medium, colonies tend to be larger and growth is more luxuriant than on media containing other blood agar bases. Columbia Blood Agar is recommended as a primary isolation medium in the MiQ standards and in other diagnostic manuals. In many European countries, this medium has become the most frequently used primary isolation medium for clinical specimens.
254072	120	Columbia CNA Agar with 5% Sheep Blood	This is a selective and differential medium used for the isolation of Gram-positive microorganisms from clinical and non-clinical materials.
256006	20	Columbia Agar with 5% Horse Blood	This agar is a highly nutritious general purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from clinical and non-clinical materials. On this medium, colonies tend to be larger and growth is more luxuriant than on media contained on other blood agar bases. Columbia Blood Agar is recommended as a primary isolation medium in the MiQ standards. In many European countries, this medium has become the most frequently used primary isolation medium for clinical specimens.
254429	20	Dermatophyte Test Medium, Modified with Chloramphenicol	This is a selective medium for the isolation of pathogenic fungi from cutaneous sources such as skin, hair, and nails. Because of the unavailability of one of the inhibitory agents, chlortetracycline, Dermatophyte Test Medium (DTM), Modified with Chloramphenicol is recommended as a substitute for the original DTM formation.
254014	20	EMB Agar, Modified, Holt-Harris and Teague	Eosin Methylene Blue (EMB) Agar, Modified, Holt-Harris and Teague is a slightly selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric bacilli (Enterobacteriaceae and several other Gram-negative rods) from both clinical and non-clinical specimens.
292234	10	Enterococcosel™ Agar with Vancomycin (8 µg/ml)	Used for primary screening of asymptomatic gastrointestinal carriage of vancomycin-resistant enterococci (VRE).
254554	20	GC-Lect™ Agar	BD GC-Lect™ Agar is a selective plated medium providing enhanced growth and recovery of <i>Neisseria gonorrhoeae</i> and better inhibition of contaminating bacteria and fungi, including <i>Capnocytophaga</i> species in oropharyngeal specimens.
254050	20	Group A Selective Strep Agar with 5% Sheep Blood (BD ssA™)	A selective medium for use in the isolation and presumptive identification of group A streptococci from throat cultures and other specimens.
257079	20	Group B Streptococcus Differential Agar	This Agar is used for the isolation and identification of <i>Streptococcus agalactiae</i> (Group B streptococcus) from clinical specimens.

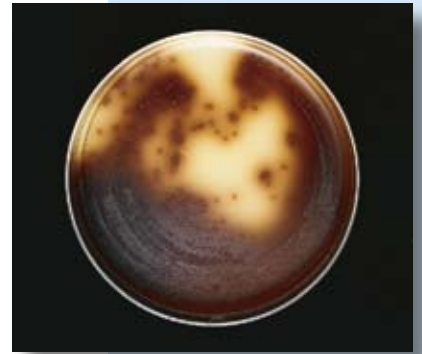
254058	20	Haemophilus Test Medium Agar
HTM Agar is used in the antimicrobial disc diffusion susceptibility procedure for <i>Haemophilus influenzae</i> and related species, as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).		
257026	20	Heart Infusion Agar with 5% Sheep Blood
Heart Infusion Agar (= HIA) with 5% Sheep Blood is a non-selective general purpose medium used for the isolation of nutritionally fastidious microorganisms.		
254009	20	Hektoen Enteric Agar
Hektoen Enteric Agar is a moderately selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric microorganisms from both clinical and non-clinical specimens. It is of particular importance as a medium for the isolation of <i>Shigella</i> and <i>Salmonella</i> species.		
257195	25	Levinthal Agar Base (Double Strength)
254025	20	MacConkey II Agar
254078	120	MacConkey II Agar is a slightly selective and differential medium for the detection of coliform organisms and enteric pathogens. MacConkey II Agar is a selective and differential medium. It is only slightly selective since the concentration of bile salts, which inhibit Gram-positive microorganisms, is low in comparison with other enteric plating media. Crystal violet also is included in the medium to inhibit the growth of Gram-positive bacteria, especially enterococci and staphylococci.
254455	20	MacConkey II Agar with Sorbitol
This is a partially selective medium for the isolation of <i>E. coli</i> O157:H7 from clinical, veterinary, food, and environmental sources.		
254027	20	Mannitol Salt Agar
Mannitol Salt Agar is a selective and differential medium for the detection and enumeration of staphylococci from clinical and non-clinical specimens and their differentiation according to mannitol fermentation.		
257021	20	Mannitol Salt Agar with Oxacillin
Mannitol Salt Agar with Oxacillin is used as a screening medium for the detection and isolation of methicillin resistant <i>Staphylococcus aureus</i> (MRSA) in clinical specimens.		
254029	20	Martin-Lewis Agar, Modified
Martin-Lewis Agar, Modified is an enriched medium for the selective isolation of <i>Neisseria gonorrhoeae</i> and <i>N. meningitidis</i> from clinical specimens containing mixed flora of bacteria and fungi.		
214986	20	BBL™ MI Agar
For the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and <i>E. coli</i> in drinking water by the membrane filter technique. Conforms with US EPA Approved Method 1604.		
254030	20	Mueller Hinton Agar with 5% Sheep Blood
BD Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of <i>Streptococcus pneumoniae</i> and other streptococci as standardised by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).		
254082	120	Mueller Hinton Chocolate Agar with BD IsoVitalX™
Chocolate Agar with BD IsoVitalX™ (Mueller Hinton Agar Base) may be used for the susceptibility testing of fastidious bacteria such as <i>Neisseria gonorrhoeae</i> and for the isolation and cultivation of fastidious bacteria from clinical specimens.		
254444	20	Neomycin Blood Agar
Neomycin Blood Agar is used for the isolation of group A streptococci ( <i>S. pyogenes</i> ) and group B streptococci ( <i>S. agalactiae</i> ) from clinical specimens in which the presence of these organisms is suspected.		

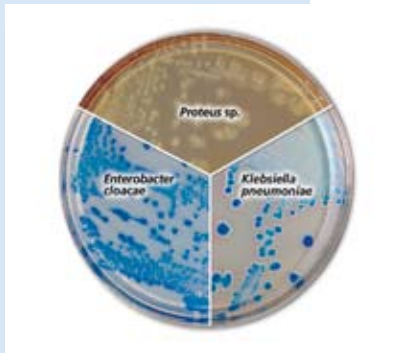




254570	10	Oxacillin Screen Agar	Oxacillin Screen Agar (originally named MRSA Screen Agar) was developed for the detection of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). These strains are resistant to penicillinase-resistant penicillins (PRPs), such as methicillin, oxacillin and nafcillin. Since the method to detect MRSA uses the same inoculum as the Bauer-Kirby antimicrobial disc susceptibility test procedure, the oxacillin screen test may be conveniently performed on isolates at the same time as routine susceptibility testing.
254483	20	Plate Count Agar	Plate Count Agar - also known as Standard Methods Agar - is a Standard Methods medium used for enumerating aerobic bacteria in water, waste water, foods and dairy products. This medium is also recommended as a general plating medium for determining aerobic bacterial populations. Standard Methods Agar with Glucose is a modification which contains more glucose for improved growth of saccharolytic organisms.
257002	20	Pseudomonas Isolation Agar	Pseudomonas Isolation Agar is used with added glycerol in isolating <i>Pseudomonas</i> spp. and differentiating <i>Pseudomonas aeruginosa</i> from other pseudomonads based on pigment formation. As well as being selective, Pseudomonas Isolation Agar is formulated to enhance the formation of the blue or blue-green pyocyanin pigment by <i>Pseudomonas aeruginosa</i> . The pigment diffuses into the medium surrounding growth.
254419	20	Pseudosei™ Agar	BD Pseudosei™ Agar is used for the selective isolation of <i>Pseudomonas aeruginosa</i> from a variety of specimens. Allows detection of pyocyanin generation.
257008	20	R2A Agar	A ready-to-use medium for the performance of heterotrophic plate counts and for subcultures of bacteria isolated from potable water samples. It is recommended for use in standard methods for pour plate, spread plate and membrane filter analyses.
257073	120		
254091	20	Sabouraud Agar with Chloramphenicol	Used for the isolation of fungi that exhibit inhibition of bacteria. It is a selective medium for the isolation of pathogenic fungi that exhibit inhibition of bacteria and saprophytic fungi.
254041	20	Sabouraud Agar with Gentamycin and Chloramphenicol	Used for the isolation of fungi that exhibit inhibition of bacteria. It is a selective medium for the isolation of pathogenic fungi that exhibit inhibition of bacteria and saprophytic fungi.
254039	20	Sabouraud Dextrose Agar	Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and non-pathogenic fungi, particularly dermatophytes. The medium is rendered more selective for fungi by the addition of antimicrobics.
254083	120		
254047	20	Salmonella Shigella Agar	Salmonella Shigella Agar (SS Agar) is a differential selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus <i>Salmonella</i> . This medium is not recommended for the primary isolation of <i>Shigella</i> species.
254042	20	Schaedler Agar with Vitamin K1 and 5% Sheep Blood	Schaedler Agar with Vitamin K1 and 5% Sheep Blood is a highly nutritious medium for the isolation and cultivation of fastidious anaerobic microorganisms. It is especially useful for the recovery of the fastidious anaerobic bacteria such as <i>Bacteroides</i> , <i>Prevotella</i> and <i>Porphyromonas</i> species.
254023	20	Schaedler K-V Agar with 5% Sheep Blood	Schaedler Kanamycin-Vancomycin Agar with 5% Sheep Blood is a highly nutritious, selective medium for the isolation and cultivation of fastidious Gram-negative anaerobic microorganisms, especially <i>Bacteroides</i> and <i>Prevotella</i> species and a variety of other Gram-negative anaerobes.

254051	20	Trypticase™ Soy Agar
254086	120	General purpose medium which supports the growth of non-fastidious as well as moderately fastidious microorganisms. Not the medium of choice for fastidious anaerobes.
254053	20	Trypticase™ Soy Agar with 5% Sheep Blood (TSA II)
254087	120	BD Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) is a nutritious general purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and non-clinical materials and the detection of haemolytic reactions. A new formulation results in much clearer beta-hemolysis of beta-haemolytic streptococci, improved beta-hemolysis of <i>Staphylococcus aureus</i> and other beta-haemolytic staphylococci, and enhanced growth of other bacteria.
254545	120	Vogel-Bonner Medium Vogel-Bonner Medium is used for the Ames Salmonella Mutagenicity Test.
254055	20	XLD Agar Xylose Lysine Desoxycholate Agar is a moderately selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric pathogens from both clinical and non-clinical specimens ( <i>Salmonella</i> and <i>Shigella</i> species). It is especially suitable for the isolation of <i>Shigella</i> species.





## BD CHROMagar™ Plates

PRODUCT CODE	SIZE	DESCRIPTION
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254093	20	BD CHROMagar™ Candida
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254106	120	BD CHROMagar™ Candida medium is for the isolation and differentiation of <i>Candida albicans</i> , <i>C. tropicalis</i> and <i>C. krusei</i> . Due to the differences in morphology and colours of the yeast colonies, this medium facilitates the detection of mixed yeast cultures in specimens. It may also be used as a selective isolation medium for other yeasts and for filamentous fungi instead of Sabouraud Dextrose Agar or similar media.
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254102	20	BD CHROMagar™ Orientation
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254107	120	BD CHROMagar™ Orientation is a non-selective medium for the direct identification, differentiation and enumeration of urinary tract pathogens.
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254104	20	BD CHROMagar™ Salmonella
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BD CHROMagar™ Salmonella is a selective differential medium for the isolation and presumptive identification of *Salmonella* species directly from stool specimens and from enrichments such as Selenite broth. It may also be used for the isolation of *Salmonella* spp. from specimens other than faeces such as food and water.

254105	20	BD CHROMagar™ O157
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BD CHROMagar™ O157 is a chromogenic medium for the selective isolation and presumptive identification of *E. coli* O157:H7 strains from clinical, veterinary, food, and environmental sources.

257074	20	BD CHROMagar™ Staph aureus
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BD CHROMagar™ Staph aureus Medium is a selective differential medium for the isolation and identification of *Staphylococcus aureus* without the use of confirmatory testing from clinical sources.

257308	20	BD CHROMagar™ MRSA
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A selective and differential medium primarily used for the qualitative and direct detection of colonisation by methicillin resistant *Staphylococcus aureus* (MRSA) to aid in the prevention and control of MRSA infections. The test is performed on anterior nares, skin and throat specimens. The medium may also be used for the detection of MRSA from clinical specimens. Rapid results in as little as 24 hours without confirmatory testing.

# BD BBL™ Prepared Tubed Media (PTM)

## Liquid & Solid Media in BD BBL™ Prepared Tubes

PRODUCT CODE	SIZE	DESCRIPTION
220830	10 slants	<p>BD Trypticase™ Soy Agar with Defibrinated Sheep Blood (Blood Agar Slants)</p> <p>Tryptic Soy Blood Agar Base No. 2, Tryptic Soy Blood Agar Base EH and BD Trypticase™ Soy Agar, Modified (TSA II) supplemented with blood are used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species. Prepared Slants, Tubes Size K.</p>
220837	100 x 8 ml	<p>Brain Heart Infusion Broth</p> <p>For the cultivation of aerobic and anaerobic microorganisms. Prepared tubes, 5 ml and 8 ml, Size K.</p>
220897	100 slants	<p>Kligler Iron Agar</p> <p>Kligler Iron Agar is used for the differentiation of members of the Enterobacteriaceae family based on of their ability to ferment dextrose and lactose and to liberate sulphides. Specimen Type: Faecal Specimens. Prepared slants, Size K.</p>
220906	10 slants	<p>Loeffler Medium</p> <p>Used for the cultivation and morphological characterisation of corynebacteria. This media, which includes horse serum, meat infusion and dextrose, has a grey-white surface that provides an excellent background for the detection of colonial pigmentation (by using the incorporated methylene blue dye). Specimen Type: Throat. Prepared slants, Size K.</p>
220908	10 slants	<p>Lowenstein-Jensen Medium</p> <p>For Semi-Qualitative Catalase Test. Lowenstein-Jensen Medium Deeps contain an enriched eggbased medium and are used for the cultivation of mycobacteria, including <i>Mycobacterium tuberculosis</i>. Deeps are tubes of hardened agar medium which are inoculated by “stabbing” the inoculum into the agar. Used for for Semi-Qualitative Catalase Test.</p> <p>221257: Prepared deeps, tubes Size A            220908: Prepared slants, tubes Size A            220909: Prepared slants, tubes Size A            221387: Prepared slants, tubes Size C            221388: Prepared slants, tubes Size C</p>
220909	100 slants	
220953	100 slants	<p>Lysine Iron Agar</p> <p>Used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulphide. Prepared slants, tubes Size K.</p>
220958	10 slants	<p>Middlebrook and Cohn 7H10 Agar</p> <p>Middlebrook and Cohn 7H10 Agar is a culture medium for the cultivation of mycobacteria, especially mycobacteria other than <i>M. tuberculosis</i> (MOTT).</p> <p>220958: Prepared slants, tubes Size A            220959: Prepared slants, tubes Size A</p>
220959	100 slants	
221021	100 x 8 ml	<p>Selenite-F Broth</p> <p>Used as an enrichment medium for the isolation of <i>Salmonella</i> spp. and some species of <i>Shigella</i> from faecal, urine, water, and food samples. Prepared tubes, 8 ml, Size K.</p>
221026	10 slants	<p>Simmons Citrate Agar</p> <p>Simmons Citrate Agar is used for the differentiation of Gram-negative bacteria on the basis of citrate utilisation. A positive reaction is indicated by growth with an intense blue colour in the slant. A negative reaction is evidenced by no growth with no change in colour (remains dark green). Specimen Type: All Specimens. Prepared slants, Size K.</p>

221096	10 slants	Urea Agar
221097	100 slants	Urea Agar is used for the differentiation of organisms, especially Enterobacteriaceae, on the basis of urease production. The production of urease is indicated by an intense pink-red (fuchsia) colour on the slant. A negative reaction is no colour change; the agar medium remains pale yellow to buff coloured. Specimen Type: All Specimens. Prepared slants, Size K.
221326	10 x 5 ml	OF Basal Medium
		OF (Oxidation Fermentation) media are used for the determination of oxidative and fermentative metabolism of carbohydrates by Gram-negative rods on the basis of acid reaction in either the open or closed system. Prepared tubes, 5 ml, Size K.
221342	10 slants	Phenylalanine Agar
		Phenylalanine Agar is used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination. Ferric Chloride Reagent is used to visualise the phenylalanine deamination reaction. Prepared slants, tubes Size K.
221507	10 x 8 ml	Cooked Meat Medium
		For the cultivation of anaerobic bacteria and maintenance of stock cultures, especially pathogenic clostridia. Prepared tubes, 8 ml, Size K.
221509	10 tubes	Motility Test Medium
		Motility Test Medium is used for the detection of motility of Gram-negative enteric bacilli. Prepared tubes, Size K.
221541	10 tubes	Schaedler Broth with Vitamin K1
		Used for the cultivation of fastidious aerobic and anaerobic microorganisms. Prepared tubes, Size K.
221713	10 x 5 ml	Todd Hewitt Broth
		Todd Hewitt Broth is a general-purpose medium, which primarily is used for the cultivation of beta-haemolytic streptococci, especially for serological studies. Prepared tubes, 5 ml, Size K.
221716	100 x 5 ml	BD Trypticase™ Soy Broth
		221716: Prepared tubes, 100 x 5 ml, Size K
221741	10 x 5 ml	Thioglycollate Medium, Enriched with Vitamin K1 and Haemin
		Enriched Thioglycollate Medium is a general-purpose media used in qualitative procedures for the cultivation of fastidious, as well as non-fastidious microorganisms, including aerobic and anaerobic bacteria, from a variety of clinical and non-clinical specimens. Prepared tubes, 5 and 8 ml, Size K.
221747	10 x 5 ml	Campylobacter Thioglycollate Medium with 5 Antimicrobics
		Campylobacter Thioglycollate Medium with 5 Antimicrobics is recommended as a holding medium for samples suspected to contain <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> when immediate inoculation of Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood cannot be performed. Prepared tubes, 5 ml, Size K.
221819	100 x 5 ml	Saline, Normal
		Saline, Normal (physiological) is used in procedures that require the use of an isotonic diluent. It is routinely used as a diluent to adjust the turbidity of bacterial cell suspensions to help maintain cell integrity and viability. 221818: Prepared tubes, 5 ml, Size K 221819: Prepared tubes, 5 ml, Size K 297753: Prepared tubes, 10 ml, Size D
222232	10 tubes	Herrold's Egg Yolk Agar with Mycobactin J and ANV
222233	100 tubes	Used for the selective isolation and differentiation of <i>Mycobacterium paratuberculosis</i> . ANV (amphotericin, nalidixic acid and vancomycin) inhibits contamination and mycobactin J is a growth factor for <i>M. paratuberculosis</i> . Prepared tubes, Size C.

222240	10 tubes	Herrold's Egg Yolk Agar without Mycobactin J with ANV
222241	100 tubes	Used for the selective isolation and differentiation of mycobacteria other than <i>Mycobacterium paratuberculosis</i> . ANV (amphotericin, nalidixic acid and vancomycin) inhibits contamination. <i>M. paratuberculosis</i> is unable to grow on media lacking mycobactin J. (For use with Herrold's Egg Yolk Agar with Mycobactin J and ANV, Cat. Nos. 222232 or 222233). Prepared tubes, Size C.
292766	100 x 8 ml	Selenite Cystine Broth
		Used as a selective enrichment medium for the isolation of <i>Salmonella</i> species from faeces, foods, pharmaceutical articles, water and other materials of sanitary importance. Prepared tubes, 8 ml, Size K.
295697	10 tubes	Dubos Broth, Enriched
		Used for the cultivation of pure cultures of <i>M. tuberculosis</i> . Prepared tubes, Size K.
295872	10 slants	Chocolate II Agar (GC II Agar with Haemoglobin and BD IsoVitaleX™)
		Chocolate II Agar is an improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species, from a variety of clinical specimens. Media provided in divided (two-sectored) plates offer the ability to utilise the properties of two media in one plate. Prepared slants, tubes Size K.
295982	10 x 9 ml	Cooked Meat Medium with Glucose, Haemin and Vitamin K1
		Cooked Meat Medium and the enriched medium are used for the cultivation of anaerobes, especially pathogenic clostridia. Prepared tubes, 9 ml, Size K.
296266	100 x 5 ml	LIM Broth (Todd Hewitt with CNA)
		LIM Broth is used for the selective enrichment of group B streptococci ( <i>Streptococcus agalactiae</i> ), especially from genital specimens. Prepared tubes, 5 ml, Size K.
297200	10 x 9 ml	Brain Heart Infusion with Fildes Enrichment
		A general purpose medium used in the cultivation of non-fastidious and fastidious microorganisms, particularly <i>Haemophilus</i> species, from a variety of clinical and non-clinical materials. Prepared tubes, 9 ml, Size K.
297307	10 tubes	Chopped Meat Carbohydrate Broth (PR II)
		Pre-reduced medium used in the enrichment, cultivation and maintenance of anaerobic microorganisms, particularly obligate anaerobes. Prepared tubes (Hungate cap), Size K.
297753	100 x 10 ml	Saline, Normal
		Saline, Normal (physiological) is used in procedures that require the use of an isotonic diluent. It is routinely used as a diluent to adjust the turbidity of bacterial cell suspensions to help maintain cell integrity and viability. 297753: Prepared tubes, 10 ml, Size D
297808	100 x 1.5 ml	BD Trypticase™ Soy Broth with 20% Glycerol
		For Stock Culture Preservation. Prepared tubes, 1.5 ml, Size K.
297811	100 x 21 ml	BD Trypticase™ Soy Broth
		297811: Prepared tubes, 100 x 21 ml, Size A
298502	100 x 10 ml	Lactose Broth with Durham Tube (Double Strength)
		Lactose Broth is used for detection of the presence of coliform organisms, as a pre-enrichment broth for salmonellae and in the study of lactose fermentation of bacteria in general. Lactose Broth with Durham Tube, 10 ml, Tubes Size A (Double Strength).



## BD Prepared Bottled Media (PBM)

### Liquid & Solid Media in Prepared Bottles

PRODUCT CODE	SIZE	DESCRIPTION
254966	10 x 100 ml	<b>Lactose Broth</b> Used for detection of the presence of coliform organisms, as a pre-enrichment broth for salmonellae and in the study of lactose fermentation of bacteria in general. Selective medium for detection of Gram-negative, lactose fermenting coliforms and salmonella in water and foods. 254966: 100 ml medium in 380 wide mouth jar with 66 mm metal twist-off cap.
257196	25 x 50 ml	<b>Levinthal Stock Broth</b>
257101	10 x 5 ml	<b>Nutrient Broth</b> Nutrient Broth is used for the cultivation of many species of non-fastidious microorganisms. 5 ml medium in 8 ml vial with aluminium screw cap.
257103	50 x 12 ml	<b>Tetrathionate Broth</b> For the isolation of <i>Salmonella</i> species in faecal, urine, and food specimens. 12 ml medium in 30 ml screw cap vial.
257114	25 x 100 ml	<b>D/E Neutralising Broth</b> D/E Neutralising Broth is for the neutralisation and testing of antiseptics and disinfectants according to the procedure of Engley and Dey. 100 ml medium in 125 ml sirup bottle with screw cap.
257137	10 x 4 ml	<b>Peptone Water with Glucose and Durham Tube</b> 4 ml medium in 8 ml vial with screw cap and Durham tube.
257147	50 x 15 ml	<b>Dermatophyte Test Medium Agar</b> Dermatophyte Test Medium Agar is a selective medium for the isolation of pathogenic fungi from superficial infections such as skin, hair, and nails. It is made available as slants in screw-cap vials. Prepared slants (15 ml) in 30 ml screw-cap vials.
257165	50 x 4.5 ml	<b>Dorset Egg Medium, Modified</b> Dorset Egg Medium, Modified is a prepared tubed, slanted, coagulated egg medium used for cultivation, maintenance and transport of pure cultures of mycobacteria and other fastidious and non-fastidious organisms. Prepared slants (4.5 ml) in 15 ml screw-cap vials.
257207	50 x 25 ml	<b>Tween® 80 (20%)</b> Emulsifying Agent for Lipids and Oils. 25 ml Medium in 30 ml Vial with Screw Cap.
257178	5 x 10 ml	<b>Steiners Fluid</b>

# BD Prepared Media for Environmental Monitoring

## BD BBL™ Gamma Irradiated Plates for Environmental Monitoring

PRODUCT CODE	SIZE	DESCRIPTION
254955	100 plates	BD Trypticase™ Soy Agar  Sterile Pack, Triple bagged: one polyamide bag (containing one Ziplock bag), two Tyvek® bags.
257051	10 plates	BD Tryptic Soy Agar  Gamma-Irradiated, Triple wrapped: 2 inner cellophane bags (inner one: welded and with irradiation indicator dot or stripe; outer one: closed with clip). Outer bag: BD Flexopeel™ bag, heat-sealed.
210340	500 plates	BD RODAC™ Unfilled Petri Dishes (Sterile, 65 mm)  BD RODAC™ (Replicate Organism Detection and Counting) plates may be used for the detection and enumeration of microorganisms present on surfaces of sanitary importance. BD RODAC™ plates are recommended for use in a wide variety of surface sampling programs and may be employed to establish and monitor cleaning techniques and schedules. The 65 x 15 mm style dish is specially designed to allow a raised convex surface of culture medium. The 10 mm grid on the bottom of the plate facilitates counting and colony location.
215062	100 plates	BD Trypticase™ Soy Agar with Penicillinase  221839: 10 x Sterile Pack, Settling Plates (100 mm) 215062: 100 x Sterile Pack, Settling Plates (100 mm)
215063	100 plates	D/E Neutralising Agar with Penicillinase  The addition of penicillinase inactivates penicillinase-sensitive beta-lactam antibiotics.
221232	10 plates	D/E Neutralising Agar
222209	100 plates	Contains lecithin, polysorbate 80, sodium bisulfite to neutralise aldehydes, sodium thioglycollate to neutralise mercurials and sodium thiosulphate to neutralise chlorine.
221233	10 plates	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80  221233: 10 x Sterile Pack, BD RODAC™ Plates
221235	10 plates	Sabouraud Dextrose Agar  Recommended for the recovery of fungi (yeasts and moulds).
221238	10 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80  Contains lecithin to neutralise quaternary ammonium compounds and polysorbate 80 to neutralise phenolic disinfectants.
221288	20 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80  221288: 20 x Prepared Plates, BD RODAC™
221944	10 plates	D/E Neutralising Agar  221944: 10 x Sterile Pack, Contact Plates
257454	10 plates	Sanitiser Neutraliser Agar, 90 mm Petri dish  Sanitiser Neutraliser Agar is an improved medium used for the detection of microorganisms surviving after treatment of surfaces and materials with disinfectants and antiseptics. The medium is based upon Trypticase™ Soy Agar but additionally contains the following neutralisers: <ul style="list-style-type: none"> <li>• Lecithin to neutralise quaternary ammonium compounds</li> <li>• Polysorbate 80 to neutralise phenols, hexachlorophene, formalin and, with lecithin, ethanol</li> <li>• Histidine to inactivate aldehydes</li> <li>• Pyruvate to inactivate active oxygen and peroxides</li> </ul>





257454	10 plates	Sanitiser Neutraliser Agar, 90 mm Petri dish	Sanitiser Neutraliser Agar is an improved medium used for the detection of microorganisms surviving after treatment of surfaces and materials with disinfectants and antiseptics. The medium is based upon Trypticase™ Soy Agar but additionally contains the following neutralisers: • Lecithin to neutralise quaternary ammonium compounds • Polysorbate 80 to neutralise phenols, hexachlorophene, formalin and, with lecithin, ethanol • Histidine to inactivate aldehydes • Pyruvate to inactivate active oxygen and peroxides
221961	10 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80	221961: 10 x Sterile Pack, Contact Plates
222207	100 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80	Contains lecithin to neutralise quaternary ammonium compounds and polysorbate 80 to neutralise phenolic disinfectants.
222208	100 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80	222208: 100 x Sterile Pack, Contact Plates
254953	100 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80	
292305	5 plates		Contains lecithin to neutralise quaternary ammonium compounds and polysorbate 80 to neutralise phenolic disinfectants.
254954	10 plates	BD Trypticase™ Soy Agar	
254956	100 plates		254954: 10 x Sterile Pack (90 mm), Soybean-Casein Digest Agar
257055	10 plates	BD Tryptic Soy Agar	257055: 10 x Gamma-Irradiated plates, Triple Wrapped (Contact): 2 inner cellophane bags (inner one: with clip, label and irradiation indicator dot or stripe; outer one: closed with clip) Outer bag: Flexopeel bag, heat-sealed.
257077	10 plates	BD Trypticase™ Soy Agar	257077: 100 x Sterile Pack (Heavy Fill)
257284	30 plates	BD Trypticase™ Soy Agar	257284: 30 x Sterile Pack (150 mm)
257285	5 plates	BD Trypticase™ Soy Agar	257285: 5 x Sterile Pack (150 mm)
257295	100 plates	BD Trypticase™ Soy Agar	257295: 100 x Gamma-Irradiated (90 mm)
221234	10 plates	BD Trypticase™ Soy Agar with Lecithin, Polysorbate 80 and Penicillinase	The addition of penicillinase inactivates penicillin and cephalosporin antibiotics.
292225	10 plates	Rose Bengal Agar with Penicillinase	Recommended for the recovery of fungi (yeasts and moulds).
292226	10 plates	Rose Bengal Agar with Penicillinase	Recommended for the recovery of fungi (yeasts and moulds).
292228	10 plates	D/E Neutralising Agar with Penicillinase	292228: 10 x Sterile Plates (100 mm)
292229	10 plates	CDC Anaerobe Blood Agar Base	Recommended for the recovery of anaerobic organisms.
292255	10 plates	D/E Neutralising Agar	292255: 10 x Sterile Plates (100 mm, 25 ml)

292270	100 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80 292270: 100 x Sterile Pack, BD RODAC™ Plates
299939	10 plates	Sabouraud Dextrose Agar 299939: 10 x Sterile Plates, Triple Bagged (100 mm)
257050	10 plates	Sabouraud Glucose Agar (Gamma-Irradiated)

## BD BBL™ Isolator Pack XT

PRODUCT CODE	SIZE	DESCRIPTION
257375	100	Isolator Pack XT - TSA, heavy fill (25g), 90 mm petri dish  Flexible storage temperature of 2-25°C allows for room-temperature storage, saving refrigerator space and minimising the risk of wastage due to incorrect storage. Triple-wrapped and gamma-irradiated to a sterility assurance level (SAL) of 10 <sup>-5</sup> . The unique PE/PET film combines easy opening with VHP impermeability - the inner layer alone is enough to guarantee VHP resistance. Advanced production technology ensures that plates are dry without the need for desiccant sachets which may shed fibres, and all three layers are see-through so that plates may be checked easily prior to use.
257376	10	Isolator Pack XT - TSA, 90 mm petri dish
257374	100	
257373	5	Isolator Pack XT - TSA, 150 mm petri dish
257377	30	
257378	10	Isolator Pack XT - TSA with Lecithin & Polysorbate 80, RODAC SL plates
257382	100	
257380	10	Isolator Pack XT - TSA with Lecithin & Polysorbate 80, RODAC plates
257381	100	
257383	10	Isolator Pack XT - TSA with Lecithin & Polysorbate 80, 90 mm petri dish
257384	100	
257379	100	Isolator Pack XT - TSA with Lecithin & Polysorbate 80, heavy fill (25g), 90 mm petri dish
257466	10 plates	Sanitiser Neutraliser Agar, 90 mm petri dish
257468	100 plates	Trypticase™ Soy Agar with Lecithin, Polysorbate 80, Histidine & Pyruvate.
257469	10 plates	Sanitiser Neutraliser Agar, RODAC plates
257467	100 plates	Trypticase™ Soy Agar with Lecithin, Polysorbate 80, Histidine & Pyruvate.
257471	10 plates	Isolator Pack XT Plates with Easy-Plate Inner Wrapper, 90 mm
257473	100 plates	Isolator pack XT plates with one inner PE/PA wrapper and two outer PE/PET wrappers. All three layers are VHP impermeable.
257475	10 plates	Isolator Pack XT Plates with Easy-Plate Inner Wrapper, Heavy Fill
257474	100 plates	Isolator pack XT plates with one inner PE/PA wrapper and two outer PE/PET wrappers. All three layers are VHP impermeable. Heavy fill 90 mm plates.
257472	10	Isolator Pack XT Plates with Easy-Plate Inner Wrapper - TSA with Lecithin & Polysorbate 80, 90 mm
257470	100	Isolator pack XT plates with one inner PE/PA wrapper and two outer PE/PET wrappers. All three layers are VHP impermeable.





## BD BBL™ Isolator Plates for Hygiene Monitoring

PRODUCT CODE	SIZE	DESCRIPTION
254972	10 plates	BD Microbial Content Test Agar 254972: 10 x Isolator Pack; packed in one polyamide bag (containing one Ziplock bag), two Tyvek® bags, followed by one white carton.
257080	10 plates	BD Trypticase™ Soy Agar
257081	100 plates	257080: 10 x Isolator Pack, Triple Bagged. 257081: 100 x Isolator Pack, Triple Bagged: one polyamide bag (containing one Ziplock bag), two Tyvek® bags.
292337	100 plates	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
292653	10 plates	292337: 100 x Isolator Pack, BD RODAC™ Plates 292653: 10 x Isolator Pack, BD Finger Dab™ Plates (100 mm) 292654: 5 x Isolator pack, 150 mm Plates 299937: 10 x Isolator Pack, BD RODAC™ Plates
292654	5 plates	
299937	10 plates	
292645	10 plates	D/E Neutralising Agar
292646	100 plates	Contains lecithin, polysorbate 80, sodium bisulfite to neutralise aldehydes, sodium thioglycollate to neutralise mercurials and sodium thiosulphate to neutralise chlorine.
292647	10 plates	
292648	10 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80
292649	100 plates	Contains lecithin to neutralise quaternary ammonium compounds and polysorbate 80 to neutralise phenolic disinfectants.
292335	100 plates	
299896	10 plates	

## BD BBL™ Non-Gamma Irradiated Plates for Hygiene Monitoring

PRODUCT CODE	SIZE	DESCRIPTION
254038	33 plates	BD Trypticase™ Soy Agar with Lecithin and Polysorbate 80 - Contact Plates Packed in white cardboard boxes. Each sleeve of ten plates is wrapped into two cellophane bags and BD Flexopeel™ bag. An indicator dot for gamma-irradiation is placed on the inner bag (orange to red= irradiated; yellow= not irradiated).
257059	10 plates	Sabouraud Dextrose Agar with 2% Dextrose - Contact Plates

## BD Bagged Media

PRODUCT CODE	SIZE	DESCRIPTION
257185	3 x 3 l	BD Trypticase™ Soy Broth (Serum Bags)
257202	10 l	Serum Bags: 3, 5 and 10 l.
257203	2 x 5 l	

## BD Bottled Media for Sterility Testing

PRODUCT CODE	SIZE	DESCRIPTION
254978	10 x 300 ml	Fluid D (Sterile Pack Bottle)  254978: 10 x 300 ml Medium in 500 ml Sterile Infusion Bottle with Flip Tear-Off Seal and Stopper.
257098	10 x 500 ml	Isopropylmyristate  500 ml Medium in Prepared Bottle.
257107	50 x 20 ml	BD Tryptic Soy Broth
257109	50 x 9 ml	257107: 50 x 20 ml Medium in 30 ml Screw Cap Vial 257109: 50 x 9 ml Medium in 30 ml Screw Cap Vial
290613	10 x 100 ml	290613: 10 x 100 ml Medium in Prepared Wide Mouth Bottle with Screw Cap
257143	25 x 10 ml	Thioglycollate Medium, Fluid
257144	50 x 20 ml	257143: 25 x 10 ml Medium in 150 ml Sirup Bottle with Screw Cap 257144: 50 x 20 ml Medium in 30 ml Screw Cap Vial
257155	25 x 100 ml	257155: 25 x 100 ml Medium in 125 ml Sirup Bottle with Screw Cap
257159	25 x 100 ml	BD Trypticase™ Soy Broth
257160	10 x 20 ml	257159: 25 x 100 ml Medium in 150 ml Sirup Bottle with Screw Cap and integrated Septum
257247	25 x 100 ml	257160: 10 x 20 ml Medium in 500 ml Infusion Bottle with crimp cap and injection stopper
257276	25 x 100 ml	257247: 25 x 100 ml Medium in 100 ml Infusion Bottle with Septum 257276: 25 x 100 ml Medium in 150 ml Sirup Bottle with Screw Cap
257162	25 x 100 ml	BD Trypticase™ Soy Broth (Double Strength)
257163	10 x 100 ml	257162: 25 x 100 ml Medium in 100 ml Infusion Bottle with Septum
257164	10 x 500 ml	257163: 10 x 100 ml Medium in 250 ml Infusion Bottle with Septum 257164: 10 x 500 ml Medium in 500 ml Infusion Bottle with Septum
257170	25 x 100 ml	BD Trypticase™ Soy Broth, Modified  100 ml Medium in 150 ml Sirup Bottle with Screw Cap and injection hole.
257171	25 x 100 ml	Thioglycollate Medium, Fluid, Modified  100 ml Medium in 150 ml Sirup Bottle with Screw Cap and injection hole.
257213	10 x 100 ml	BD Trypticase™ Soy Broth (Sterile Pack Bottle)  257213: 10 x 100 ml Medium in 125 ml Sterile Infusion Bottle with Infusion Stopper & draw ring.
257217	10 x 100 ml	Thioglycollate Medium, Fluid (FTM Special, Sterile Pack Bottle)  257217: 10 x 100 ml Medium in 125 ml Sterile Infusion Bottle with stopper & flip-tear-off cap.
257246	25 x 125 ml	Thioglycollate Medium, Fluid (FTM Special)
257275	25 x 100 ml	Special Quality = improved medium with a higher clarity. 257246: 25 x 125 ml Medium in 125 ml Infusion Bottle with stopper and flip-tear-off cap. Special Quality = improved medium with a higher clarity. 257275: 25 x 100 ml Medium in 150 ml Sirup Bottle with Screw Cap.
257263	10 x 300 ml	Fluid A (Sterile Pack Bottle)  257263: 10 x 300 ml Medium in 500 ml Sterile Infusion Bottle with Septum.





## BD Hycheck™ Contact Slides for Hygiene & Sterility Control

PRODUCT CODE	SIZE	DESCRIPTION
290001	10 slides	BD Hycheck™ - for Disinfection Control D/E Neutralising agar on both sides of the slide.
290002	10 slides	BD Hycheck™ - for Disinfection Control Caseinpeptone soypeptone agar and D/E Neutralising agar.
290003	10 slides	BD Hycheck™ - for Detection of Enterobacteriaceae Caseinpeptone soypeptone agar and crystal violet-neutralred-bile glucose agar.
290004	10 slides	BD Hycheck™ - Plate Count Agar with TTC Plate count agar with TTC on both sides.
290005	10 slides	BD Hycheck™ - Total Count Plate Count Agar and Plate Count Agar with TTC primarily for control of cutting oils, fuel oils and process water.
290006	10 slides	BD Hycheck™ - for Yeasts and Moulds Tryptic soy agar and rose bengal chloramphenicol agar.
290007	10 slides	BD Hycheck™ - for Yeasts and Moulds with TTC Tryptic soy agar and Tryptic soy agar with 0.01% TTC and rose bengal chloramphenicol agar.
290009	10 slides	BD Hycheck™ - Sabouraud Dextrose Agar Sabouraud Dextrose Agar for the recovery of fungi (yeasts and moulds) on both sides of the slide.
290011	10 slides	BD Hycheck™ - Tryptic Soy Agar Tryptic Soy Agar on both sides of the slide.

## BD Sterile Pack RODAC™ SL Plated Media

PRODUCT CODE	SIZE	DESCRIPTION
222247	100	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 (RODAC™ SL) Environmental monitoring medium in penicillin fill and production rooms, with disinfectant neutralisers; surface testing.

# Stains & Reagents



# Stains & Reagents

## BD Diagnostic Reagents

BD BBL™ Diagnostic Reagent & Stain Droppers . . . . .	118
BD Coagulase Plasma. . . . .	121
BD Diagnostic Reagents for Use in the Detection of Biochemical Reactions. . . . .	121
BD Difco™ & BD BBL™ Fluorescent Antibodies & Reagents . . . . .	121

## BD Difco™ - BD BBL™ - Stains, Droppers & Indicators

BD Difco™ Indicators & Liquids for Various Stains . . . . .	122
BD Gram Stain Kits & Reagents . . . . .	122

## BD Difco™ & BD BBL™ Antigens, Antisera & Adjuvants

Adjuvants . . . . .	123
Antigens - BD Difco™ . . . . .	123
Antigens - Harmonised BD Difco™/BD BBL™ . . . . .	124
Antisera - BD Difco™ . . . . .	124
Antisera - Harmonised BD Difco™/BD BBL™ . . . . .	127

## BD Enzymes

BD Difco™ & BD BBL™ Enzymes . . . . .	127
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## BD TB Stain Kits & Reagents

BD Rapid & Cold Acid-Fast Procedure (TB Quick Stain) . . . . .	128
BD TB Fluorescent Stain Kits. . . . .	128
BD Ziehl-Neelsen (Hot) Acid-Fast Procedure . . . . .	128

# Stains & Reagents



## BD Diagnostic Reagents

### BD BBL™ Diagnostic Reagent & Stain Droppers

PRODUCT CODE	SIZE	DESCRIPTION
261181	50 ampoules	<p><b>Oxidase</b></p> <p>Oxidase Reagent Droppers are used in the Kovacs oxidase test as a qualitative reaction in the identification of nonfermenters and miscellaneous Gram-negative bacteria. The oxidase test is based on the production of an enzyme called indophenol oxidase. This enzyme oxidises a redox dye (present in the reagent) which results in a colour change of yellow to dark purple. Contains 0.5 ml of a 1% aqueous solution of N,N,N',N'-tetramethyl-p-phenylenediamine dihydrochloride which has been formulated with agents to ensure maximum stability.</p>
261182	50 ampoules	<p><b>Acridine Orange</b></p> <p>Acridine Orange Reagent Droppers are used for fluorescent microscopic detection of microorganisms in direct smears. Acridine orange, a fluorochrome stain buffered at a low pH, differentiates between bright orange-stained bacteria and pale green to yellow-stained human cells and tissue. Each dropper contains sufficient reagent to stain one slide. Contains 0.5 ml of a 0.01% solution of [3,6-bis (dimethylamino) acridine hydrochloride] in a 0.5 M acetate buffer.</p>
261183	50 ampoules	<p><b>Desoxycholate</b></p> <p>Desoxycholate Reagent Droppers are used for the presumptive differentiation of pneumococci from other Gram-positive cocci by the bile solubility test. Sodium desoxycholate is a salt of purified bile acid and can be used in lower concentrations than other salts of bile acids. It is soluble in water and lyses pneumococcal cells treated with a 10% solution. The bile solubility test may be performed by adding the sodium desoxycholate solution to a cell suspension or directly to colonies on a blood agar plate. Each dropper is good for one day's use after ampule has been broken. Contains 0.5 ml of 10% aqueous solution of sodium desoxycholate.</p>
261185	50 ampoules	<p><b>Indole</b></p> <p>Indole Reagent Droppers (modified Kovacs' reagent) are used in determining the ability of bacteria to produce indole by the deamination of tryptophan. The production of indole has been widely used as an aid in differentiating certain genera and species within the same genus. Indole Reagent may be used for tube or extraction procedures or with a variety of biochemical kits requiring Kovacs' or Ehrlich's reagents. Each dropper is good for one day's use after the ampule has been broken. Contains 0.5 ml of 5% p-dimethylaminobenzaldehyde dissolved in a solution of 25% hydrochloric acid and 75% isobutyl alcohol.</p>
261187	50 ampoules	<p><b>DMACA Indole</b></p> <p>DMACA Indole Reagent Droppers are for the detection of indole production as an aid in the identification of aerobic, anaerobic, or facultatively anaerobic organisms. They are used in a rapid spot test for determining the ability of bacteria to produce indole by the deamination of tryptophan. The production of indole has been widely used as an aid in differentiating certain genera and species within the same genus. p- Dimethylaminocinnamaldehyde (DMACA) has been shown to be sensitive to the production of indole. In addition, the colour change with DMACA is both rapid and long lasting, making results easier to interpret than with more traditional reagents. Each dropper is good for one day's use after the ampule has been broken. Contains 0.5 ml of aqueous 1% pdimethylaminocinnamaldehyde in 10% hydrochloric acid.</p>

261188	50 ampules	Lactophenol Cotton Blue	Lactophenol Cotton Blue Stain Droppers are intended for use as a stain in the examination of fungi. The solution can be used in wet mounts in the examination of yeasts and moulds and serves as both a mounting fluid and a stain. Contains 0.5 ml of lactophenol cotton blue solution consisting of glycerol 40%, phenol 20%, lactic acid 20%, cotton blue dye (Poirrier's blue) 0.05%, and water.
261189	50 ampules	Dobell & O'Connor Iodine	Dobell & O'Connor Iodine Stain Droppers have a variety of uses as a microbiological stain. Among them are staining the trophozoite, cyst, and egg stages of intestinal parasites. Use of Dobell & O'Connor Iodine Stain Droppers aid the visualisation of the components of specimens observed microscopically. The selection of the appropriate technique depends upon the specimen. Contains 0.5 ml of solution consisting of iodine 1%, potassium iodide 2%, and water.
261190	50 ampules	Ferric Chloride	Ferric Chloride Reagent Droppers are intended for use in the differentiation of microorganisms capable of phenylalanine deamination. They are used to determine if a specific microorganism is capable of producing phenylpyruvic acid from phenylalanine deamination. Most members of the genera <i>Proteus</i> and <i>Providencia</i> are positive whereas most <i>Escherichia</i> and <i>Citrobacter</i> species are negative. Ferric Chloride Reagent Droppers contain 0.5 ml of 10% ferric chloride in aqueous solution.
261191	50 ampules	10% Potassium Hydroxide	10% Potassium Hydroxide Reagent Droppers are intended for use in the examination of direct smears for fungal elements. 10% potassium hydroxide (KOH) facilitates the clearing of specimens for enhanced microscopic observation of fungi without altering the fungal elements present. It is most useful with skin, hair, nail and sputum specimens. Each dropper is good for one day's use after the ampule has been broken. Contains 0.5 ml of 10% KOH with 1% dimethyl sulfoxide.
261192	50 ampules	Voges-Proskauer A	Voges-Proskauer Reagent Droppers are intended for use in the Voges-Proskauer test, one of several qualitative tests used to distinguish between members of the Enterobacteriaceae. The Voges-Proskauer test is one of the series known as the IMViC tests. The letters stand for Indole, Methyl Red, Voges-Proskauer, and Citrate. (The "i" is inserted for euphony.) They are used primarily to distinguish between the coliforms, but may be used for other organisms in the Enterobacteriaceae family. Specifically, the Voges-Proskauer test detects the presence of acetylmethylcarbinol. This compound is produced by certain micro-organisms during growth in a buffered peptone-glucose broth, specifically MR-VP broth. Contains 0.5 ml of 5% wt/vol alphanaphthol in absolute alcohol.
261193	50 ampules	Voges-Proskauer B	Voges-Proskauer Reagent B Droppers contain 0.5 ml of 40% wt/vol potassium hydroxide in distilled water.
261194	50 ampules	India Ink	India Ink Reagent Droppers are used to enhance the microscopic detection of <i>Cryptococcus</i> spp. in wet preparations. India ink facilitates the visualisation of cryptococcal polysaccharide capsules. The capsular material of cryptococci displaces the colloidal carbon particles of the ink so that the capsule appears as a clear halo around the microorganisms against a black background. India Ink Reagent Droppers may be used to stain pus, exudate, tissue, sputum and sediment of centrifuged urine and cerebral spinal fluid (CSF) specimens. The India ink smear is particularly useful for CSF specimens because <i>Cryptococcus neoformans</i> is the most common cause of fungal central nervous system (CNS) infections throughout the world. The appearance of encapsulated yeast forms in an India ink smear from CSF is diagnostic for cryptococcal meningitis. Contains 0.5 ml of an aqueous suspension of India ink with suspending agent and preservative.
261195	50 ampules	Calcofluor White	Calcofluor White Reagent Droppers are used in the rapid fluorescent microscopic detection of fungi in direct smears. It is a non-specific fluorochrome stain that binds to fungi and, depending upon the filter system employed, fluoresces either an apple green or blue white colour when exposed to light of the appropriate wavelength. It may be used on fresh, frozen, fixed, paraffin-embedded, and clinical specimens. It can be used in the detection of <i>Pneumocystis carinii</i> and other opportunistic fungal parasites in bronchoalveolar lavage (BAL) specimens and aspirates from immunosuppressed individuals such as AIDS patients. Contains 0.5 ml of a 0.05% solution of calcofluor white in distilled water.



261195	50 ampules	Calcofluor White	Calcofluor White Reagent Droppers are used in the rapid fluorescent microscopic detection of fungi in direct smears. It is a non-specific fluorochrome stain that binds to fungi and, depending upon the filter system employed, fluoresces either an apple green or blue white colour when exposed to light of the appropriate wavelength. It may be used on fresh, frozen, fixed, paraffin-embedded, and clinical specimens. It can be used in the detection of <i>Pneumocystis carinii</i> and other opportunistic fungal parasites in bronchoalveolar lavage (BAL) specimens and aspirates from immunosuppressed individuals such as AIDS patients. Contains 0.5 ml of a 0.05% solution of calcofluor white in distilled water.
261197	50 ampules	Nitrate Reagent A	For use in determining the ability of bacteria to reduce nitrate to nitrite or free nitrogen gas. The Enterobacteriaceae, many other Gram-negative bacteria, mycobacteria and fungi reduce nitrate to nitrite. The nitrate-reducing characteristic of a species is constant for certain genera and species. The Nitrate A and B Reagents, when added in equal parts, indicate the presence of a catabolic end product or the absence of nitrate in the medium. Nitrate A Reagent Droppers contain 0.5 ml of 0.8% Sulfanilic Acid in 5N Acetic Acid.
261198	50 ampules	Nitrate Reagent B	For use in determining the ability of bacteria to reduce nitrate to nitrite or free nitrogen gas. The Enterobacteriaceae, many other Gram-negative bacteria, mycobacteria and fungi reduce nitrate to nitrite. The nitrate-reducing characteristic of a species is constant for certain genera and species. The Nitrate A and B Reagents, when added in equal parts, indicate the presence of a catabolic end product or the absence of nitrate in the medium. Nitrate B Reagent Droppers contain 0.5 ml of 0.6% N N-Dimethyl-alpha-naphthylamine in 5N Acetic Acid.
261203	50 ampules	Catalase	Catalase Reagent Droppers are used in a qualitative procedure for determining catalase activity by bacteria. The enzyme catalase is present in most aerobic and facultatively anaerobic bacteria, with the major exception of streptococci and enterococci. The enzyme catalase decomposes hydrogen peroxide into water and oxygen. Catalase Reagent Droppers contain a hydrogen peroxide solution of approximately 3% (2.5% to 3.5%). This reagent has been frequently cited as a standard method for performing the catalase test. Contains (approximately) 3% Hydrogen Peroxide and 0.05% or less of stabiliser.
261206	50 ampules	Flagella	Flagella Stain Droppers are used for demonstrating bacterial flagella and their arrangement on the cell. Due to their narrow diameter, bacterial flagella cannot be seen with the light microscope without the use of special stains. The presence of bacterial flagella, flagellum length, shape, curvature, number per cell and arrangement on the cell are useful in the identification of motile bacteria. The flagella stain is based on the tannic acid-crystal violet formula first described by Ryu and later by Kodaka, Armfield, Lombard and Dowell. The presence of flagella is especially useful in the identification of nonfermentative, Gram-negative bacilli and anaerobic bacteria. Contains 0.6% Crystal Violet in Ethanol, 2.0% Tannic Acid, 2.5% Phenol and 5.7% Aluminium Potassium Sulphate.

## BD Coagulase Plasma

PRODUCT CODE	SIZE	DESCRIPTION
240658	10 x 3 ml	Coagulase Plasma
240661	10 x 15 ml	Used to qualitatively determine the pathogenicity of staphylococci using the direct tube method. Coagulase Plasma, Rabbit is lyophilised rabbit plasma with 0.85% sodium citrate and 0.85% sodium chloride, approximately. Reconstitutes to 3 ml/15 ml/25 ml for Direct Tube Method.
240679	10 x 25 ml	
240827	10 x 3 ml	Coagulase Plasma with EDTA
240826	10 x 15 ml	Used to qualitatively determine the pathogenicity of staphylococci using the direct tube method. Coagulase Plasma, Rabbit with EDTA is lyophilised rabbit plasma with 0.15% EDTA (ethylenediaminetetraacetic acid) and 0.85% sodium chloride, approximately. Reconstitutes to 3 ml/15 ml/25 ml for Direct Tube Method.
240680	10 x 25 ml	

## BD Diagnostic Reagents for Use in the Detection of Biochemical Reactions

PRODUCT CODE	SIZE	DESCRIPTION
266691	30 ml	BD Pasco™ - N, N-Dimethyl-1-Naphthylamine Nitrate
		0.6% N, N-Dimethyl-1-Naphthylamine Nitrate Reagent.

## BD Difco™ & BD BBL™ Fluorescent Antibodies & Reagents

PRODUCT CODE	SIZE	DESCRIPTION
211248	500 g	FTA Haemagglutination Buffer
		FTA Haemagglutination Buffer (Phosphate Buffered Saline, pH 7.2) is used in the FTA-ABS test and other serological procedures as a diluent and for washing slide preparations.
223142	100 g	FA Buffer (Dried)
223143	6 x 10 g	A phosphate-buffered saline (PBS) which, upon rehydration, yields a 0.85% NaCl solution buffered to pH 7.2. BD Difco™ FA Buffer, Dried is used in preparing: <ul style="list-style-type: none"> <li>• Reactive Control Serum (4+) - Unabsorbed</li> <li>• Minimally Reactive Control Serum (1+)</li> <li>• Non-reactive Control Serum (N)</li> <li>• Non-specific Staining Control - Unabsorbed</li> </ul>



## BD Difco™ - BD BBL™ - Stains, Droppers & Indicators

### BD Difco™ Indicators & Liquids for Various Stains

PRODUCT CODE	SIZE	DESCRIPTION
220310	5 g	Phenol Red

For use in preparing microbiological culture media.

### BD Gram Stain Kits & Reagents

PRODUCT CODE	SIZE	DESCRIPTION
212524	1 kit	Gram Stain Kit (Unstabilised)  For the differential staining of bacteria. Each kit contains 1 bottle (250 ml) each of: <ul style="list-style-type: none"> <li>• Gram Crystal Violet</li> <li>• Gram Iodine (Unstabilised)</li> <li>• Gram Decolouriser</li> <li>• Gram Safranin</li> </ul>
212525	4 x 250 ml	Gram Crystal Violet
212526	3.8 l	(PRIMARY STAIN). For staining microorganisms by the differential Gram method.
212527	4 x 250 ml	Gram Decolouriser
212528	3.8 l	For staining microorganisms by the differential Gram method.
212529	4 x 250 ml	Gram Iodine (Unstabilised)
212530	3.8 l	(MORDANT) Working solution prepared from Gram Diluent and Gram Iodine 100X. For staining microorganisms by the differential Gram method.
212531	4 x 250 ml	Gram Safranin
212532	3.8 l	(COUNTERSTAIN) For staining microorganisms by the differential Gram method.
212539	1 kit	Gram Stain Kit (Stabilised)  Used to differentiate intact, morphologically similar bacteria into two groups based on cell colour after staining. In addition, cell form, size and structural details are evident. Such preliminary information provides important clues to the type of organism(s) present and the further techniques required to characterise them. Because inorganic iodine is rapidly oxidised and loses its effectiveness as a mordant, the Gram Stain Kit (Cat. No. 212539) differs from Gram's original formulation by offering a more stable organic iodine complex, L-polyvinylpyrrolidone-iodine. Each kit contains 1 bottle (250 ml) each of: <ul style="list-style-type: none"> <li>• Gram Crystal Violet</li> <li>• Gram Iodine (Stabilised)</li> <li>• Gram Decolouriser</li> <li>• Gram Safranin</li> </ul>
212542	4 x 250 ml	Gram Iodine (Stabilised)
212543	3.8 l	(MORDANT). For staining microorganisms by the differential Gram method.
212544	4 x 250 ml	Gram Basic Fuchsin  (COUNTERSTAIN). For staining microorganisms by the differential Gram method.
231401	50 x 50 tests	Gram Quality Control Slide  BD BBL™ Gram Stain QC Slides. Conventional 1" x 3" microscope slides imprinted with 10 squares. One square contains control organisms <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . Nine squares are available for staining test isolates. Gram Slides, individually wrapped, sufficient for 50 tests.

# BD Difco™ & BD BBL™ Antigens, Antisera & Adjuvants

## Adjuvants

PRODUCT CODE	SIZE	DESCRIPTION
231131	6 x 10 ml	Adjuvant, Complete H37 Ra  Suspension of 10 mg <i>M. tuberculosis</i> in a mixture of paraffin oil and an emulsifying agent.
231141	6 x 100 mg	M. Tuberculosis H37 Ra (Desiccated)  Killed <i>M. tuberculosis</i> H37 Ra for use in adjuvants.
263810	6 x 10 ml	Adjuvant, Complete (Freund)  Suspension of 5 mg <i>M. butyricum</i> in a mixture of paraffin oil and an emulsifying agent.
264010	6 x 100 mg	M. butyricum (Desiccated)  Killed <i>M. butyricum</i> for use in adjuvants.
263910	6 x 10 ml	Adjuvant, Incomplete (Freund)

## Antigens - BD Difco™

PRODUCT CODE	SIZE	DESCRIPTION
211737	1 ml	QC Antigen Shigella - Group A1  Used in the quality control of <i>Shigella</i> Antiserum Poly • Group A1 (BD Cat. No. 227761/formerly 2776-47).
211738	1 ml	QC Antigen Shigella - Group B  Used in the quality control of <i>Shigella</i> Antiserum Poly • Group B (BD Cat. No. 228351/formerly 2835-47).
221051	1 ml	QC Antigen Shigella - Group C2  Used in the quality control of <i>Shigella</i> Antiserum Poly • Group C2 (BD Cat. No. 227781/formerly 2778-47).
221061	1 ml	QC Antigen Shigella - Group D  Used in the quality control of <i>Shigella</i> Antiserum Poly • Group D (BD Cat. No. 228371/formerly 2837-47).
221001	1	QC Antigen Shigella Group A, 1 mL  Used in the quality control of <i>Shigella</i> Antiserum Poly Group A (241025)
210868	10 mg	PG - PS 100P  PG-PS 100P consists of purified peptidoglycan-polysaccharide polymers which are isolated from the sonicated cell wall of <i>Streptococcus pyogenes</i> , Group A, D58 strain. The peptidoglycan is the primary immunogenic moiety. The polysaccharide, when bound to this peptidoglycan moiety, allows for the chronic inflammation seen in animal models by protecting this moiety from degradation. The PG-PS 100P is supplied as a white, opalescent liquid suspension in sterile 0.85% saline. The rhamnose concentration of the product is 5 to 8 mg/ml and the MW of the product is approximately 5 x 10 <sup>7</sup> Daltons. • PG-PS 100P is assayed in our laboratories
210482	1 l	VDRL Antigen for slide test, bulk  For the serodiagnosis of syphilis.



## Antigens - Harmonised BD Difco™ /BD BBL™

PRODUCT CODE	SIZE	DESCRIPTION
240937	5 ml	<p>Febrile Antigen Negative Control (optional)</p> <p>Febrile Control Serum, Glycerinated, Ready to Use (no dilution or re-hydration required).</p>
241049	5 ml	<p>Brucella Abortus - Antigen</p> <p>Glycerinated and ready to use. Part of the Febrile Antigen Kit.</p>
241050	5 ml	<p>Francisella Tularensis - Antigen</p> <p>Glycerinated and ready to use. Part of the Febrile Antigen Kit.</p>
241087	5 ml	<p>Bordetella pertussis suspension (inactivated) 5 x 10<sup>8</sup> cells per mL</p> <p><i>Bordetella pertussis</i> cell suspensions are used as an adjuvant in certain research applications. The product is a suspension of <i>Bordetella pertussis</i>, inactivated.</p>

## Antisera - BD Difco™

PRODUCT CODE	SIZE	DESCRIPTION
221591	3 ml	<p>E. Coli H Antiserum H7</p> <p>Tube test for serological confirmation of <i>E. coli</i> O157:H7. A lyophilised, polyclonal rabbit antisera containing approximately 0.04% thimerosal as a preservative.</p>
222321	1 ml	<p>Neisseria Meningitidis Antiserum Poly</p> <p>BD Difco™ <i>Neisseria Meningitidis</i> Antisera are recommended for use in slide agglutination tests for serotyping <i>Neisseria meningitidis</i>. These antisera are stable, lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative.</p>
222371	1 ml	<p>Haemophilus Influenzae Antiserum Poly</p> <p>Recommended for use in slide agglutination tests for serotyping <i>Haemophilus influenzae</i>. These antisera are stable, lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative.</p>
222651	3 ml	<p>Salmonella H - Antiserum Spicer-Edwards 1</p> <p>BD Difco™ <i>Salmonella</i> H Antisera Spicer-Edwards are pooled, polyvalent antisera and additional adjunctive antisera to identify the more commonly occurring H antigens.</p>
223001	1 ml	<p>Listeria O Antiserum Type 1</p> <p>BD Difco™ <i>Listeria</i> O Antisera Types 1, 4 and Poly are used for identifying <i>Listeria monocytogenes</i> in the slide and tube agglutination tests. BD Difco™ <i>Listeria</i> O Antigens Types 1 and 4 (Slide and Tube) are used as positive controls in the slide and tube agglutination tests, respectively. These are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. <i>Listeria</i> O Antisera Types 1 and 4 are specific for the respective serotypes of <i>L. monocytogenes</i> while <i>Listeria</i> O Antiserum Poly contains agglutinins for <i>L. monocytogenes</i> serotypes 1 and 4.</p>
223091	1 ml	<p>Bordetella Pertussis Antiserum</p> <p>Recommended for use in slide agglutination tests for the identification of <i>Bordetella pertussis</i>. These Antisera are lyophilised, polyclonal rabbit antisera containing approx. 0.04% thimerosal as a preservative.</p>
223101	1 ml	<p>Bordetella Parapertussis Antiserum</p> <p>Recommended for use in slide agglutination tests for the identification of <i>Bordetella parapertussis</i>. These Antisera are lyophilised, polyclonal rabbit antisera containing approx. 0.04% thimerosal as a preservative.</p>
224301	3 ml	<p>Vibrio Cholerae Antiserum Inaba</p> <p><i>Vibrio cholerae</i> antiserum Inaba is a monospecific absorbed antiserum.</p>

224311	3 ml	Vibrio Cholerae Antiserum Ogawa
<i>Vibrio cholerae</i> antiserum Ogawa is a monospecific absorbed antiserum.		
224321	3 ml	Vibrio Cholerae Antiserum Poly
Recommended for use in slide agglutination tests for the identification and serotyping of <i>Vibrio cholerae</i> . Rabbit serum for slide agglutination test. Contains agglutinins for <i>V. cholerae</i> , <i>Inaba</i> and <i>Ogawa</i> .		
228271	3 ml	Salmonella Antiserum Vi
Used in slide agglutination tests for the identification of <i>Salmonella</i> Vi. BD Difco™ <i>Salmonella</i> Vi Antisera are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. When properly rehydrated and used as recommended, each vial of BD Difco™ <i>Salmonella</i> Vi Antisera contains sufficient reagent for 60 tests. BD Difco™ <i>Salmonella</i> Vi Antisera are prepared with representative strains of these serogroups and are not absorbed.		
228341	3 ml	Shigella Antiserum Poly Group A
Used for the identification of <i>Shigella</i> species by the slide agglutination test. A lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative.		
229701	3 ml	E. Coli O Antiserum O157
Tube test for serological confirmation of <i>E. coli</i> O157:H7. A lyophilised, polyclonal rabbit antisera containing approximately 0.04% thimerosal as a preservative.		
222281	1 ml	Neisseria Meningitidis Antiserum Group A
222291	1 ml	Neisseria Meningitidis Antiserum Group B
222301	1 ml	Neisseria Meningitidis Antiserum Group C
222361	1 ml	Haemophilus Influenzae Antiserum Type b
222501	1 ml	Haemophilus Influenzae Antiserum Type a
222531	1 ml	Neisseria Meningitidis Antiserum Group W135
222601	3 ml	Salmonella O - Antiserum Group F Factor 11
222641	3 ml	Salmonella O - Antiserum Poly A-I & Vi
222661	3 ml	Salmonella H - Antiserum Spicer-Edwards 2
222671	3 ml	Salmonella H - Antiserum Spicer-Edwards 3
222681	3 ml	Salmonella H - Antiserum Spicer-Edwards 4
222691	3 ml	Salmonella H - Antiserum G Complex
222721	3 ml	Salmonella H - Antiserum 1 Complex
223011	1 ml	Listeria O Antiserum Type 4
223021	1 ml	Listeria O Antiserum Poly
224061	3 ml	Salmonella H - Antiserum Poly a-z
224741	3 ml	Salmonella H - Antiserum Single Factor 2
225341	3 ml	Salmonella O - Antiserum Poly A (A, B, D, E1, E2, E3, E4, & L)
225351	3 ml	Salmonella O - Antiserum Poly B (C1, C2, F, G, & H)
225361	3 ml	Salmonella O - Antiserum Poly C (I, J, K, M, N, & O)
225371	3 ml	Salmonella O - Antiserum Poly D (P, Q, R, S, T, & U)
225381	1 ml	Salmonella O - Antiserum Poly E (V, W, X, Y, & Z)
225391	3 ml	Salmonella H - Antiserum Poly A (a, b, c, d, i, z10, z29)
225401	3 ml	Salmonella H - Antiserum Poly B (eh, en, enx, enz15, and G Complex)
225411	3 ml	Salmonella H - Antiserum Poly C (k,l,r,y,z,z4)
225421	3 ml	Salmonella H - Antiserum Poly D (z35, z36, z37, z38, z39, z41, z42)





225431	3 ml	Salmonella H - Antiserum Poly E (1 Complex, z6)
225461	3 ml	Salmonella H - Antiserum m
225481	3 ml	Salmonella H - Antiserum p
225561	3 ml	Salmonella H - Antiserum z13
225571	3 ml	Salmonella H - Antiserum z15
225611	3 ml	Salmonella H - Antiserum z28
226451	3 ml	Salmonella O - Antiserum Poly F (Groups 51-55)
226461	3 ml	Salmonella O - Antiserum Poly G (Groups 56-61)
226591	3 ml	Salmonella O - Antiserum Factor 4
226601	3 ml	Salmonella O - Antiserum Factor 5
227761	3 ml	Shigella Antiserum Poly Group A1
227771	3 ml	Shigella Antiserum Poly Group C1
227781	3 ml	Shigella Antiserum Poly Group C2
227791	3 ml	Salmonella O - Antiserum Factor 12
227891	1 ml	Haemophilus Influenzae Antiserum Type c
227901	1 ml	Haemophilus Influenzae Antiserum Type d
227911	1 ml	Haemophilus Influenzae Antiserum Type e
227921	1 ml	Haemophilus Influenzae Antiserum Type f
228151	3 ml	Salmonella O - Antiserum, Factors 4, 5
228161	3 ml	Salmonella O - Antiserum Factor 7
228171	3 ml	Salmonella O - Antiserum Factor 8
228181	3 ml	Salmonella O - Antiserum Factor 9
228191	3 ml	Salmonella O - Antiserum Group E Factors 1, 3, 10, 15, 19 , 34
228241	3 ml	Salmonella H - Antiserum i
228351	3 ml	Shigella Antiserum Poly Group B
228361	3 ml	Shigella Antiserum Poly Group C
228371	3 ml	Shigella Antiserum Poly Group D
229101	1 ml	Neisseria Meningitidis Antiserum Poly 2
229481	3 ml	Salmonella O - Antiserum Group B Factors 1, 4, 5, 12
229491	3 ml	Salmonella O - Antiserum Group C1 Factors 6, 7
229501	3 ml	Salmonella O - Antiserum Group C2 Factors 6, 8
229511	3 ml	Salmonella O - Antiserum Group D1 Factors 1, 9, 12
229731	3 ml	Salmonella O - Antiserum Group B Factors 1, 4, 12, 27
230161	3 ml	Salmonella O - Antiserum Group C3 Factors (8), 20
230171	3 ml	Salmonella O - Antiserum Group D2 Factors (9), 46
230291	3 ml	Salmonella O - Antiserum Group G Factors 13, 22, 23, (36), (37)

## Antisera - Harmonised BD Difco™ /BD BBL™

PRODUCT CODE	SIZE	DESCRIPTION
240934	5 ml	Brucella Positive Control - Antiserum (AMS)  Febrile control serum, glycerinated, ready to use (No dilution or re-hydration required).
240939	5 ml	Francisella Tularensis - Antiserum  Febrile control serum, glycerinated, ready to use (no dilution or re-hydration required).

## BD Enzymes

### BD Difco™ & BD BBL™ Enzymes

PRODUCT CODE	SIZE	DESCRIPTION
211897	10 x 20 ml	Penicillinase  BD BBL™ Penicillinase: 1,000,000 units/ml. Enzyme preparation used to neutralise penicillin and to permit growth of organisms ordinarily inhibited by the antibiotic. 20 ml per Tube.
211898	10 x 20 ml	Penicillinase Concentrate
211899	100 ml	BD BBL™ Penicillinase Concentrate: 10,000,000 units/ml. Enzyme preparation used to neutralise penicillin and to permit growth of organisms ordinarily inhibited by the antibiotic.
234510	6 x 20 ml	Penase  BD Difco™ Penase is a beta-lactamase which hydrolyse the beta-lactam ring in penicillins, thereby, inactivating the antimicrobial properties of penicillin. Used in media for sterility testing of penicillins and for determining microbial counts of materials containing penicillin.
234610	6 x 20 ml	Penase Concentrate
234620	100 ml	BD Difco™ Penase Concentrate is a beta-lactamase which hydrolyses the beta-lactam ring in penicillins, thereby, inactivating the antimicrobial properties of penicillin. Used in media for sterility testing of penicillins and for determining microbial counts of materials containing penicillin.
234630	6 x 100 ml	

## BD TB Stain Kits & Reagents

### BD Rapid & Cold Acid-Fast Procedure (TB Quick Stain)

PRODUCT CODE	SIZE	DESCRIPTION
212316	3 x 250 ml	TB Quick Stain - Carbofuchsin
		Individual component for TB Quick-Stain-Kit (Cat. No. 212315) for a more rapid version of staining mycobacteria by the cold acid-fast procedure.

### BD TB Fluorescent Stain Kits

PRODUCT CODE	SIZE	DESCRIPTION
212512	4 x 250 ml	TB Decolourizer TM
		Individual component of the TB Fluorescent Stain Kits M and T (Cat. Nos. 212519 and 212521) for staining mycobacteria by the Truant, Brett and Thomas and the Morse, Blair, Weiser and Sproat fluorescent procedures.
212513	4 x 250 ml	TB Potassium Permanganate
		Individual component of the TB Fluorescent Stain Kits M and T (Cat. Nos. 212519 and 212521) for staining mycobacteria by the Truant, Brett and Thomas and the Morse, Blair, Weiser and Sproat fluorescent procedures.
212515	4 x 250 ml	TB Auramine-Rhodamine T
		Individual component of the TB Fluorescent Stain Kit T (Cat. No. 212521) for staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure.
212521	1 kit	TB Fluorescent Stain Kit T
		For staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Auramine-Rhodamine T</li> <li>• TB Decolouriser TM</li> <li>• TB Potassium Permanganate</li> </ul>
212536	250 ml	Acridine Orange Stain
		For detecting microorganisms in direct smears by the fluorescent staining technique. Recommended for use in the fluorescent microscopic detection of microorganisms in direct smears prepared from clinical and non-clinical materials. It is particularly useful in the rapid screening of normally sterile specimens, such as cerebrospinal fluid, where few organisms may be present and in the rapid examination of blood smears or smears containing proteinaceous material where differentiation of organisms from background material may be more difficult.



### BD Ziehl-Neelsen (Hot) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
212511	4 x 250 ml	TB Carbofuchsin ZN
		Individual component of the TB Stain Kit ZN (Cat. No. 212520) for staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure.
212520	1 kit	TB Stain Kit ZN
		For staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Carbofuchsin ZN</li> <li>• TB Decolouriser</li> <li>• TB Methylene Blue</li> </ul>

# Index

7H9 Broth	See <i>Middlebrook 7H9 Broth</i>
7H10 Agar	See <i>Middlebrook 7H10 Agar</i>
7H11 Agar	See <i>Mycobacteria 7H11 Agar and Middlebrook 7H11 Agar</i>

## A

Acid Fast Bacilli (AFB) Quality Control Slide	93
Acetate Differential Agar	17
Acridine Orange	118, 128
Actinomycete Isolation Agar	17
Adjuvants	123
Adjuvant, Complete H37 Ra	123
Freund's Complete Adjuvant	123
Freund's Incomplete Adjuvant	123
M butyricum (Desiccated)	123
M tuberculosis H37 Ra (Desiccated)	123
Aerobic Vents	See <i>BACTEC Subculture/Aerobic Vents</i>
Aeromonas Yersinia Agar	98
Affirm VP III Microbial Identification Kit	74
Agar	16
Grade A	16
Granulated	16
Noble	16
Purified	16
Technical	16
AK Agar No. 2 (Sporulating Agar)	17
Alternative Thioglycollate Medium	See <i>NIH Thioglycollate Broth</i>
Anaerobic Agar	17
Anaerobic Indicators	See <i>GasPak</i>
Anaerobic Jars	See <i>GasPak</i>
Antibiotic Discs	See <i>Sensi-Disc</i>
Antibiotic Media	17
Antibiotic Medium 1	17
Antibiotic Medium 2	17
Antibiotic Medium 3	17, 37
Antibiotic Medium 4	17
Antibiotic Medium 10	17
Antibiotic Medium 11	17
Antibiotic Medium 19	17
Antigens	123 - 124
Bordatella pertussis Suspension	124
Brucella abortus	124
Febrile Antigen	124
Francisella tularensis	124
PG-PS 100P	123
Shigella - Group A	123
Shigella - Group A1	123
Shigella - Group B	123
Shigella - Group C2	123
Shigella - Group D	123
VDRL Antigen	123
Antimicrobial Vial P.	34
Antisera	124 - 127
Bordatella parapertussis Antiserum	124
Bordatella pertussis Antiserum	124
Brucella Positive Control - Antiserum	127
E. coli H Antiserum H7	124
E. coli O Antiserum O157	125
Francisella tularensis Antiserum	127
Haemophilus influenzae Type a	125
Haemophilus influenzae Type b	125
Haemophilus influenzae Type c	126
Haemophilus influenzae Type d	126
Haemophilus influenzae Type e	126
Haemophilus influenzae Type f	126
Haemophilus influenzae Antiserum Poly	124
Listeria O Antiserum Type 1	124
Listeria O Antiserum Type 4	125
Listeria O Antiserum Poly	125
Neisseria meningitidis Group A	125
Neisseria meningitidis Group B	125
Neisseria meningitidis Group C	125
Neisseria meningitidis Group W135	125

Neisseria meningitidis Antiserum Poly	124
Neisseria meningitidis Antiserum Poly 2	126
Salmonella H Antiserum 1 Complex	125
Salmonella H Antiserum G Complex	125
Salmonella H Antiserum i	126
Salmonella H Antiserum m	126
Salmonella H Antiserum p	126
Salmonella H Antiserum z13	126
Salmonella H Antiserum z15	126
Salmonella H Antiserum z28	126
Salmonella H Antiserum Poly a - z	125
Salmonella H Antiserum Poly A (a, b, c, d, i, z10 & z29)	125
Salmonella H Antiserum Poly B (eh, en, enx, enz15 and G complex)	125
Salmonella H Antiserum Poly C (k, l, r, y, z & z4)	125
Salmonella H Antiserum Poly D (z35, z36, z37, z38, z39, z41 & z42)	125
Salmonella H Antiserum Poly E (1 Complex, z6)	126
Salmonella H Antiserum Single Factor 2	125
Salmonella H Antiserum Spicer-Edwards 1	124
Salmonella H Antiserum Spicer-Edwards 2	125
Salmonella H Antiserum Spicer-Edwards 3	125
Salmonella H Antiserum Spicer-Edwards 4	125
Salmonella O Factor 4	126
Salmonella O Factor 5	126
Salmonella O Factors 4 & 5	126
Salmonella O Factor 7	126
Salmonella O Factor 8	126
Salmonella O Factor 9	126
Salmonella O Factor 12	126
Salmonella O Group B Factors 1, 4, 5, 12	126
Salmonella O Group B Factors 1, 4, 12, 27	126
Salmonella O Group C1 Factors 6, 7	126
Salmonella O Group C2 Factors 6, 8	126
Salmonella O Group C3 Factors (8), 20	126
Salmonella O Group D1 Factors 1, 9, 12	126
Salmonella O Group D2 Factors (9), 46	126
Salmonella O Group E Factors 1, 3, 10, 15, 19, 34	126
Salmonella O Group F Factor 11	125
Salmonella O Group G Factors 13, 22, 23, (36), (37)	126
Salmonella O Poly A (A, B, D, E1, E2, E3, E4 & L)	125
Salmonella O Poly B (C1, C2, F, G & H)	125
Salmonella O Poly C (I, J, K, M, N & O)	125
Salmonella O Poly D (P, Q, R, S, T & U)	125
Salmonella O Poly E (V, W, X, Y & Z)	125
Salmonella O Poly F (Groups 51 - 55)	126
Salmonella O Poly G (Groups 56 - 61)	126
Salmonella Vi	125
Shigella Group A Poly	125
Shigella Group A1 Poly	126
Shigella Group B Poly	126
Shigella Group C Poly	126
Shigella Group C1 Poly	126
Shigella Group C2 Poly	126
Shigella Group D Poly	126
Vibrio cholerae Antiserum Inaba	124
Vibrio cholerae Antiserum Ogawa	125
Vibrio cholerae Antiserum Poly	125
Asparagine	38

## B

B12 Assay Medium	17
BACTEC™ - Barcode Labels	5
BACTEC FOS Supplement Kit	6
BACTEC™ Instruments	4
BACTEC™ 9240	4
BACTEC™ 9120	4
BACTEC™ 9050	4
BACTEC™ FX	4
BACTEC Magnetic Barcode Scanner Panel	5
BACTEC Media	6
Lytic/10 Anaerobic/F Medium	6
Myco/F Lytic Medium	6
Mycosis IC/F Medium	6,7

PLUS Aerobic/F Medium . . . . .	6
PLUS Anaerobic/F Medium . . . . .	6
PEDS PLUS Medium . . . . .	6
Standard Aerobic/F Medium . . . . .	7
Standard Anaerobic/F Medium . . . . .	6
BACTEC Subculture/Aerobic Vent. . . . .	5
BACTEC Sub/Venting Units . . . . .	5
BACTEC Temperature Test Vials . . . . .	5
BACTEC Vial Tray . . . . .	5
Bacteroides Bile Esculin Agar with Amikacin . . . . .	98
Bagged Media . . . . .	112
Baird-Parker Agar Base . . . . .	17
BBE Agar . . . . .	<i>See Bacteroides Bile Esculin Agar with Amikacin</i>
BiGGY Agar . . . . .	17
Bile Esculin Agar . . . . .	17
Bio-Bag . . . . .	50
Biotin Assay Medium . . . . .	17
Bismuth Sulfite Agar . . . . .	18
Blood Agar Base . . . . .	18
Blood Agar No. 2 Base . . . . .	<i>See Chocolate Agar</i>
Blood Agar Slants . . . . .	105
Bordet Gengou Agar Base . . . . .	18
Bordet Gengou Agar with 15% Sheep Blood . . . . .	99
Bovine Albumin (5%) . . . . .	38
Brain Heart Infusion . . . . .	38
Brain Heart Infusion Agar . . . . .	18, 99
Brain Heart Infusion Broth . . . . .	18, 105
Brain Heart Infusion, Porcine . . . . .	18
Brain Heart Infusion with Fildes Enrichment . . . . .	107
Brilliant Green Agar . . . . .	18
Brilliant Green Stain . . . . .	93
Brucella Agar . . . . .	18
Brucella Agar with 5% Horse Blood . . . . .	99
Brucella Broth . . . . .	18
Buffered Peptone Water . . . . .	18
Bushnell-Haas Broth . . . . .	18

## C

Calcofluor White - Reagent Droppers . . . . .	119, 120
Calibration Standards . . . . .	<i>See CrystalSpec or PhoenixSpec</i>
Campylobacter Agar Skirrow . . . . .	99
Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood . . . . .	99
Campylobacter Thioglycollate Medium with 5 Antimicrobics . . . . .	106
Carbohydrate Discs . . . . .	<i>See Taxo Discs</i>
Carbolfuchsin Stain . . . . .	93, 128
Cary and Blair Transport Medium . . . . .	18
Catalase - Reagent Droppers . . . . .	120
CDC Anaerobe 5% Sheep Blood Agar . . . . .	99
Cefinase Discs . . . . .	<i>See Taxo Discs</i>
Cetrimide Agar Base - BD Pseudoseal Agar . . . . .	18
Cetrimide Agar, Prepared Plates . . . . .	99
Charcoal Agar . . . . .	18
Chocolate Agars . . . . .	18, 99
Chocolate II Agar with Haemoglobin and IsoVitalX . . . . .	107
Chocolate Agar (Blood Agar No. 2 Base) . . . . .	99
Chocolate Agar Base (GC Medium) . . . . .	18
Chocolate Agar with IsoVitalX . . . . .	99
Chocolate Agar with IsoVitalX and Bacitracin . . . . .	99
Chopped Meat Carbohydrate Broth . . . . .	107
CHROMagar Plates . . . . .	104
CHROMagar Candida . . . . .	104
CHROMagar MRSA . . . . .	104
CHROMagar O157 . . . . .	104
CHROMagar Orientation . . . . .	104
CHROMagar Salmonella . . . . .	104
CHROMagar Staph aureus . . . . .	104
CIN Agar Base . . . . .	<i>See Yersinia Selective Agar Base</i>
CLED Agar . . . . .	100
Clostridium difficile PCR Test . . . . .	<i>See GeneOhm Cdiff Assay</i>
Clostridium difficile Selective Agar . . . . .	100
Coagulase Mannitol Agar . . . . .	18
Coagulase Plasma . . . . .	121
Coagulase Plasma with EDTA . . . . .	121
Columbia Agar Base . . . . .	19
Columbia Agar with 5% Horse Blood . . . . .	100
Columbia Agar with 5% Sheep Blood . . . . .	100
Columbia Blood Agar Base . . . . .	19

Columbia Blood Agar Base EH . . . . .	19
Columbia Broth . . . . .	19
Columbia CNA Agar . . . . .	19
Columbia CNA Agar with 5% Sheep Blood . . . . .	100
Contact Slides . . . . .	<i>See Hycheck</i>
Contact Plates . . . . .	109 - 112
Cooked Meat Medium . . . . .	19, 106
Cooked Meat Medium with Glucose, Haemin and Vitamin K1 . . . . .	107
Corn Meal Agar . . . . .	19
Crystal Colour Reaction Charts . . . . .	56
Crystal Enteric/Nonfermenter Manual Codebook . . . . .	56
Crystal Enteric/Stool ID Innoculum Fluid . . . . .	57
Crystal Innoculum Fluid . . . . .	57
Crystal MIND Software . . . . .	56
Crystal Panel Viewer . . . . .	56
Crystal Panel Viewer Longwave UV Tube . . . . .	56
Crystal Panel Viewer White Light Tube . . . . .	56
Crystal Test Kits . . . . .	57
Enteric/Nonfermenter ID Kit . . . . .	57
Anaerobe ID Kit . . . . .	57
Neisseria/Haemophilus ID Kit . . . . .	57
Gram-Positive ID Kit . . . . .	57
Rapid Gram-Positive ID Kit . . . . .	57
CrystalSpec Nephelometer . . . . .	<i>See PhoenixSpec Nephelometer</i>
CrystalSpec Standards . . . . .	56
CTA Medium . . . . .	19
Cultureswab . . . . .	10
Amies Gel With Charcoal, Single Swab . . . . .	11
Amies Gel Without Charcoal, Single Swab . . . . .	10
Liquid Amies, Single Swab . . . . .	10
Liquid Stuart, Mini Tip Swab . . . . .	11
Liquid Stuart, Single Swab . . . . .	10
Liquid Stuart, Double Swab . . . . .	10
Sterile, Rayon Swab . . . . .	10
Sterile, Polyurethane Swab . . . . .	11
Cystine Heart Agar . . . . .	20
Cystine Tryptic Agar . . . . .	19
Czapek Solution Agar . . . . .	19
Czapek-Dox Broth . . . . .	19

## D

D-Galactose . . . . .	38
D/E Neutralising Agar . . . . .	19, 109, 110
D/E Neutralising Agar with Penicillinase . . . . .	110
D/E Neutralising Broth . . . . .	19, 108
Decarboxylase Base Moeller . . . . .	19
Decarboxylase Broth Base Moeller . . . . .	19
Demi-Fraser Broth Base . . . . .	19
Dermatophyte Test Medium Agar . . . . .	108
Dermatophyte Test Medium Base . . . . .	20
Dermatophyte Test Medium, Modified with Chloramphenicol . . . . .	100
Desoxycholate Reagent Droppers . . . . .	118
Desoxycholate Lactose Agar . . . . .	20
Dextrose Broth . . . . .	20
Dextrose Glucose . . . . .	38
Dextrose Starch Agar . . . . .	20
Differential Reinforced Clostridial Agar (DRCA) . . . . .	20
Directigen Test Kits . . . . .	42, 43, 44
Directigen Flu A + B Test Kit . . . . .	44
Directigen Flu A Test Kit . . . . .	44
Directigen Minigitis Combo Test Kit . . . . .	42
Directigen RSV Test Kit . . . . .	43, 44
DMACA Indole Reagent Droppers . . . . .	118
DNase Test Agar with Methyl Green . . . . .	20
Dobell & O'Connor Iodine Stain Droppers . . . . .	119
Dorset Egg Medium, Modified . . . . .	108
DRBC Agar . . . . .	20
DrySlide Tests . . . . .	58
DrySlide Oxidase . . . . .	58
DrySlide PYR . . . . .	58
DrySlide Indole . . . . .	58
DrySlide Nitrocefin . . . . .	58
Dubos Broth Base . . . . .	20
Dubos Broth, Enriched . . . . .	107
Dubos Oleic Agar Base . . . . .	20
Dubos Oleic Albumin Complex . . . . .	34
Dubos Medium Albumin . . . . .	34
DRCA Medium . . . . .	<i>See Differential Reinforced Clostridial Agar</i>

## E

EC Medium	20
EE Broth Mossel	20
Egg Yolk Enrichment (50%)	34
Egg Yolk Enrichment (Gamma-irradiated)	34
Egg Yolk Tellurite Enrichment	34
Elliker Broth	20
EMB Agar, Modified	<i>See Eosin Methylene Blue Agar, Modified</i>
Endo Agar	20
Enterococcosel Agar	21
Enterococcosel Agar with Vancomycin	100
Enterococcosel Broth	21
Enterotube II	58
Eosin Methylene Blue Agar, Modified	21, 100
EpiCenter	13
EpiCenter for BD BACTEC 9000	13
EpiCenter for BD BACTEC MGIT 960	13
EpiCenter for BD Phoenix	13
Esculin Iron Agar	21
Eugon Agar	21
Eugon Broth	21

## F

FA Buffer (Dried)	121
Fastidious Organism Supplement	<i>See BACTEC FOS Culture Supplement Kit</i>
Ferric Chloride Reagent Droppers	119
Flagella Stain Droppers	120
Flu Test Kits (Directigen Test Kits)	44
Fluid A	113
Fluid D	113
Fluid Thioglycollate Medium	<i>See Thioglycollate Medium, Fluid</i>
Folic Acid Casei Medium	21
Folic AOAC Medium	21
Fraser Broth Base	21
Fraser Broth Supplement	35
Freund's Complete Adjuvant	<i>See Adjuvants</i>
Freunds Incomplete Adjuvant	<i>See Adjuvants</i>
FTA Haemagglutination Buffer	121

## G

Galactose	<i>See D-Galactose</i>
GasPak 100 & 150 Equipment	50, 51
Catalyst Replacement Charges	50
GasPak 100 Clamp/Thumbscrew Assembly	50
GasPak 100 Complete System	50
GasPak 100 Jar without Lid	50
GasPak 100 Lid	50
GasPak 100 Lid without O-Ring	50
GasPak 100 O-ring Gasket	50
GasPak 100 Vented Lid	50
GasPak 150 Lid Assembly	50
GasPak 150 Complete System	50
GasPak 150 Inner Lid	50
GasPak 150 Jar without Lid	50
GasPak Anaerobic Indicators	51
GasPak PLUS Gas Generating Envelopes	51
GasPak EZ Container Systems	52
Standard Incubation Container	52
Large Incubation Container	52
Standard Container Rack	52
Large Container Rack	52
GasPak EZ Gas Generating Sachets	52
Anaerobe Sachets	52
Anaerobe Sachets with Indicator	52
CO2 Sachets	52
Campy Sachets	52
GasPak EZ Pouch Systems	53
Anaerobe Pouch System	53
CO2 Pouch System	53
CampyPouch System	53
GC-Lect Agar	100
GC Medium	<i>See Chocolate Agar</i>
Gelatin	16
GeneOhm Rapid Tests	84 - 85
GeneOhm Cdiff Assay	85
GeneOhm Lysis Kit	85
GeneOhm MRSA Assay	84

GeneOhm StaphSR Assay	84
GeneOhm StrepB Assay	85
GeneOhm VanR Assay	85
Glucose	<i>See Dextrose Glucose</i>
Glycerol	38
GN Broth - Hajna	21
Gram Stain Reagents	122
Gram Basic Fuchsin	122
Gram Crystal Violet	122
Gram Decolouriser	122
Gram Iodine (Unstabilised)	122
Gram Iodine (Stabilised)	122
Gram Quality Control Slide	122
Gram Safranin	122
Gram Stain Kit (Stabilised)	122
Gram Stain Kit (Unstabilised)	122
Group A Selective Strep Agar with 5% Sheep Blood (BD ssA)	100
Group B Streptococcus Differential Agar	100

## H

Haemagglutination Buffer	<i>See FTA Haemagglutination Buffer</i>
Haemoglobin, Bovine (Freeze-Dried)	21
Haemoglobin Solution (2%)	38
Haemophilus Test Medium Agar	98, 101
HC Agar Base	21
Heart Infusion Agar	21
Heart Infusion Agar with 5% Sheep Blood	101
Hektoen Enteric Agar	21, 101
Herrold's Egg Yolk Agar with Mycobactin J and ANV	106
Herrold's Egg Yolk Agar without Mycobactin J with ANV	107
Hippurate Discs	<i>See Taxo Discs</i>
Hycheck Contact / Dip Slides	114
Hycheck for Disinfection Control	114
Hycheck for Detection of Enterobacteriaceae	114
Hycheck Plate Count Agar with TTC	114
Hycheck Total Count	114
Hycheck for Yeasts and Moulds	114
Hycheck for Yeasts and Moulds with TTC	114
Hycheck SDA	114
Hycheck TSA	114

## I

Identification Strips	<i>See Crystal Test Kits</i>
India Ink - Reagent Droppers	119
Indole Nitrite Medium (Trypticase Nitrate Broth)	22
Inoculating Loops, Sterile	10
Inositol	38
Iodine Solution	35
Iodine Stain Droppers, Dobell & O'Connor	119
Indole Reagent Droppers	118
Isolator Pack Plates	112
Isolator Pack XT Plates	111
Isopropylmyristate	113
IsoVitalX Enrichment	34
ISP Medium 1	22
ISP Medium 2	22
ISP Medium 4	22

## J

## K

KF Streptococcus Agar	22
Kligler Iron Agar	105
Kovacs Reagent, Modified	<i>See Indole Reagent Droppers</i>

## L

Lactobacilli Agar AOAC	22
Lactobacilli MRS Agar	22
Lactophenol Cotton Blue Stain Droppers	119
Lactose Broth	22, 108
Lactose Broth with Durham Tube (Double Strength)	107
Lactose Monohydrate	22
Lactose Peptone Broth	22
Lauryl Tryptose Broth	22
Lauryl Tryptose Broth with MUG	22
Latex Test Kits	42, 43
Staphyloslide - Staphylococcus aureus Test Kit	42
Streptocard Test Kit	43

LBS Agar	22
LB Agar, Miller	36
LB Broth, Lennox	36
LB Broth, Miller	37
LB Broth Base, Select APS	37
Leptospira Enrichment (Lyophilised)	35
Leptospira Enrichment EMJH	35
Leptospira Medium Base EMJH	22
Letheen Agar	23
Letheen Agar, Modified	23
Letheen Broth	23
Letheen Broth, Modified	23
Levine EMB Agar	23
Levinthal Agar Base	101
Levinthal Stock Broth	108
LIM Broth (Todd Hewitt with CNA)	107
Listeria Enrichment Broth	23
Litmus Milk	23
Liver (Desiccated Powder)	23
Liver Infusion Broth	23
Loeffler Medium	105
Lowenstein-Jensen Medium	91, 105
Lowenstein Medium Base	23
Luria Broth Base, Miller	37
Lysine Decarboxylase Broth	23
Lysine Iron Agar	105

## M

M17 Agar	24
M17 Broth	24
M9 Minimal Salts (5 x)	37
MacConkey Media	24
MacConkey II Agar	101
MacConkey II Agar with Sorbitol	101
MacConkey Agar	24
MacConkey Agar Base	24
MacConkey Agar Without Crystal Violet	24
MacConkey Agar Without Salt	24
MacConkey Broth	24
MacConkey Sorbitol Agar	24
Macro-Vue RPR Tests	45, 46
Macro-Vue RPR Card - Antigen Suspension	45
Macro-Vue RPR Card - Brewer Diagnostic	45
Macro-Vue RPR - Card Test Kit No. 104	46
Macro-Vue RPR - Card Test Kit No. 110	46
Macro-Vue RPR - Card Test Kit No. 112	46
Macro-Vue RPR Card - Test Rotator Accessories Package	45
Macro-Vue RPR - Control Cards	45
Macro-Vue RPR - Liquid Controls	45
Malonate Broth	24
Malt Agar	24
Malt Extract Agar	24
Malt Extract Broth	25
Maltose	38
Mannitol Salt Agar	25, 101
Mannitol Salt Agar with Oxacillin	101
Marine Agar 2216	25
Marine Broth 2216	25
Martin-Lewis Agar, Modified	101
Maximum Recovery Diluent	25
McFarland Turbidity Standard	63
M Broth	23
m Endo Agar LES	23
m Endo Broth MF	23
m Enterococcus Agar	23
Meningitis Testing	42
Methylene Blue Stain	93
m FC Agar	23
m FC Broth Base	24
MGIT 960 Instrument	90
MGIT 960 Calibrators Kit	90
MGIT 960 Accessories	88 - 89
12B Middlebrook 7H12 Medium	88
AST Carrier Sets	88
AST Starter Kit	88
AST Transport Rack	89
Diluting Fluid	88

EMB 7.5 Kit	90
INH 0.4 Kit	90
Myc/F-Sputa Medium	89
MycPrep Specimen Decontamination Kit	94
OADC Enrichment	92
PANTA/F Antimicrobial Supplement	89, 92
PANTA Plus Antimicrobial Supplement	89
PZA Kit	90
PZA Medium	89
PZA Reconstituting Fluid	89
PZA Test Medium	89
S.I.R.E Anti TB Drugs	88
S.I.R.E. Kit	89
STR 4.0 Kit	89
Supplement F	89
Supplement Kit	90
Tubes - 4ml	92
Tubes - 7 ml	90
M-Green Yeast And Mould Broth	25
m HPC Agar	24
MI Agar	20, 101
Microbial Content Test Agar	25, 112
MicroMGIT Calibrator	92
MicroMGIT Fluorescence Reader	92
Microtrol Quality Control Organisms	59
Bacillus subtilis ATCC 6633	59
Candida albicans ATCC 2091	59
Candida albicans ATCC 10231	59
Clostridium sporogenes ATCC 19404	59
Enterococcus faecalis ATCC 19433	59
Enterococcus faecalis ATCC 29212	59
Escherichia coli ATCC 8739	59
Escherichia coli ATCC 35218	59
Klebsiella pneumonia ATCC 13883	59
Pseudomonas aeruginosa ATCC 15442	59
Pseudomonas aeruginosa ATCC 27853	59
Proteus mirabilis ATCC 14153	59
Salmonella typhimurium ATCC 14028	59
Staphylococcus aureus ATCC 6538	59
Staphylococcus aureus ATCC 6538 P	59
Staphylococcus aureus ATCC 25923	59
Staphylococcus aureus ATCC 29213	59
Staphylococcus epidermidis ATCC 12228	59
Streptococcus pneumoniae 49619	59
Middlebrook Media	91
Middlebrook 7H9 Broth	91
Middlebrook 7H9 Broth with Glycerol	91
Middlebrook 7H10 Agar	91
Middlebrook and Cohn 7H10 Agar, Prepared Plates	91
Middlebrook and Cohn 7H10 Agar, Slants	105
Middlebrook 7H10 / 7H11, Prepared Bi-Plates	91
Middlebrook 7H11 Agar Base, Dehydrated	91
Middlebrook 7H11 Agar, Prepared Plates	91
Middlebrook ADC Enrichment	35
Middlebrook OADC Enrichment	35
Milk Agar	25
Minerals Modified Glutamate Broth	25
Mitis Salivarius Agar	25
Modified Kovacs Reagent	<i>See Indole Reagent Droppers</i>
Motility GI Medium	25
Motility Test Medium	25, 106
m Plate Count Broth	24
MRSA Testing	<i>See GeneOhm MRSA Assay</i>
m Staphylococcus Broth	24
m TEC Agar	24
m TGE Broth	24
Mueller Hinton II Agar	25, 98
Mueller Hinton II Broth	25
Mueller Hinton Agar with 5% Sheep Blood	98, 101
Mueller Hinton Broth	25
Mueller Hinton Chocolate Agar with IsoVitalEx	101
Mueller Hinton Medium	26
Mycobacteria 7H11 Agar	26
Mycological Agar	26
Mycophil Agar	26
Mycoplasma Agar (PPLO Agar)	28
Mycoplasma Broth Base	26

Mycoplasma Supplement . . . . .	35
Mycosel Agar . . . . .	26
MYP Agar . . . . .	26

## N

N, N-Dimethyl-1-Naphthylamine Nitrate Reagent . . . . .	121
Neomycin Blood Agar . . . . .	101
Nephelometer . . . . .	<i>See PhoenixSpec Nephelometer</i>
Neutralising Buffer . . . . .	26
Niacin Assay Medium . . . . .	26
NIH Thioglycollate Broth . . . . .	26
Nitrate Broth . . . . .	26
Nitrate Reagent A . . . . .	120
Nitrate Reagent B . . . . .	120
Nitrocefin Powder . . . . .	70
Novobiocin Discs . . . . .	<i>See Taxo Discs</i>
Nutrient Media . . . . .	27
Nutrient Agar . . . . .	27
Nutrient Agar (1.5%) . . . . .	27
Nutrient Agar (pH 6.0) . . . . .	27
Nutrient Broth . . . . .	27, 108
Nutrient Gelatin . . . . .	27
NZCYM Broth . . . . .	37

## O

OADC Enrichment . . . . .	92
Oatmeal Agar . . . . .	27
OF Basal Medium . . . . .	27, 106
ONPG Discs . . . . .	<i>See Taxo Discs</i>
Oxacillin Screen Agar . . . . .	102
Oxgall . . . . .	38
Oxidase Reagent Dropers . . . . .	118
Oxi/Ferm Tube II . . . . .	58

## P

PANTA Antimicrobial Supplement . . . . .	<i>See MGIT 960 Accessories</i>
Pantothenate Assay Medium . . . . .	27
Pantothenate Medium AOAC . . . . .	27
Pasco N, N-Dimethyl-1-Naphthylamine Nitrate Reagent . . . . .	121
Penase . . . . .	127
Penase Concentrate . . . . .	127
Penicillinase . . . . .	127
Penicillinase Concentrate . . . . .	127
Peptone Iron Agar . . . . .	27
Peptone Water . . . . .	27
Peptone Water with Glucose and Durham Tube . . . . .	108
Phenol Red . . . . .	122
Phenol Red Agar Base . . . . .	27
Phenol Red Broth Base . . . . .	27
Phenol Red Mannitol Broth . . . . .	27
Phenylalanine Agar . . . . .	27, 106
Phenylethyl Alcohol Agar . . . . .	27
Phoenix Inoculation Station . . . . .	60
Phoenix 100 Instrument . . . . .	61
Phoenix 100 Table . . . . .	61
Phoenix AST Broth . . . . .	61
Phoenix AST Indicator . . . . .	62
Phoenix Gram-Negative Combo Panels . . . . .	61
NMIC/ID-63 . . . . .	61
NMIC/ID-53 . . . . .	61
NMIC/ID-57 . . . . .	61
Phoenix Gram-Positive Combo Panels . . . . .	61
PMIC/ID-55 . . . . .	62
PMIC/ID-57 . . . . .	62
Phoenix ID Broth . . . . .	61
Phoenix ID Only Panels . . . . .	62
Gram-Negative ID Panels . . . . .	62
Gram-Positive ID Panels . . . . .	62
Phoenix Streptococci Testing . . . . .	62
Phoenix AST-S Broth . . . . .	62
Phoenix AST-S Indicator . . . . .	62
Phoenix Streptococci Panel (SMIC/ID-2) . . . . .	62
Phoenix Panel Caddy . . . . .	60
Phoenix Panel Closure . . . . .	60
Phoenix Pipette . . . . .	60
Phoenix Pipette Tips . . . . .	60
Phoenix Starter Kit . . . . .	60

PhoenixSpec 240V AC Adapter . . . . .	56
PhoenixSpec Calibration Standards . . . . .	60
PhoenixSpec Nephelometer . . . . .	56, 60
Phytone Yeast Extract Agar . . . . .	28
Pipettor . . . . .	<i>See ProbeTec Instrument &amp; Accessories</i>
Pipette Tips . . . . .	<i>See ProbeTec Instrument &amp; Accessories</i>
Plate Count Agar . . . . .	28, 102
Polysorbate 80 . . . . .	39
Polysorbate 80 (20%) . . . . .	108
Potassium Hydroxide 10% Reagent Droppers . . . . .	119
Potassium Permanganate . . . . .	128
Potato Dextrose Agar . . . . .	28
Potato Dextrose Broth . . . . .	28
PPLO Agar (Mycoplasma Agar) . . . . .	28
PPLO Broth Base (Mycoplasma Broth Base) . . . . .	26
Presence-Absence Broth . . . . .	28
Pseudomonas Agars . . . . .	28
Pseudomonas Agar F . . . . .	28
Pseudomonas Agar P . . . . .	28
Pseudomonas Isolation Agar . . . . .	28, 102
Pseudosel Agar . . . . .	102
ProbeTec Collection & Transport Systems . . . . .	11, 76
Endocervical Collection Kit, Wet Swab . . . . .	11, 76
Male Urethral Collection Kit, Wet Swab . . . . .	11, 76
Mini-Tip Culturette Direct . . . . .	11, 76
Urine Preservative Transport Kit . . . . .	11, 74
ProbeTec Instrument & Equipment . . . . .	74, 78
Decapper Tool . . . . .	78
Lysing Heater . . . . .	74
Lysing Rack . . . . .	74
Lysing Thermometer . . . . .	74
Oven Filter . . . . .	75
Pipette Tips . . . . .	78
Pipettor . . . . .	75
Pipettor Batteries . . . . .	75
Pipettor Stand . . . . .	75
Pipettor Power Supply . . . . .	78
Priming and Warming Heater . . . . .	75
ProbeTec Instrument . . . . .	75, 78
ProbeTec Consumables for CT/GC Assays . . . . .	76 - 78
CT/GC Accessories Kit . . . . .	78
CT/GC Control Set . . . . .	78
CT/AC Reagent Pack . . . . .	76
CT/GC Reagent Pack . . . . .	78
CT/GC/AC Reagent Pack . . . . .	77
GC/AC Reagent Pack . . . . .	76
Diluent . . . . .	78
Swab Sample Diluent . . . . .	78
Sample Tubes & Caps . . . . .	78
Sample Tube Caps . . . . .	78
ProbeTec Consumables for TB Assays . . . . .	77 - 78
CTB Control Set . . . . .	77
CTB Reagent Pack . . . . .	77
CTB Specimen Processing Kit . . . . .	77
DTB Reagent Pack . . . . .	77
DTB Control Set . . . . .	77
DTB Specimen Processing Kit . . . . .	77
ProbeTec Sample Tubes & Caps . . . . .	77
ProbeTec Sample Tube Caps . . . . .	77
Pseudosel Agar, Dehydrated . . . . .	<i>See Cetrimide Agar Base</i>
Pseudosel Agar, Prepared Plates . . . . .	99
Purple Agar Base . . . . .	28
PurpleBroth Base . . . . .	28
Pyridoxine Y Medium . . . . .	28
PZA Medium . . . . .	<i>See MGIT 960 Accessories</i>

## Q

Quality Control Organisms . . . . .	<i>See Microtrol</i>
-------------------------------------	----------------------

## R

R2A Agar . . . . .	28, 102
Raffinose . . . . .	39
Rappaport-Vassiliadis R10 Broth . . . . .	28
Reinforced Clostridial Medium (RCM) . . . . .	28
RODAC Plates . . . . .	109 - 112
Rogosa SL Agar . . . . .	29
Rose Bengal Agar . . . . .	110

Rose Bengal Agar Base . . . . .	29
Rose Bengal Agar with Penicillinase . . . . .	110
Rosilic Acid . . . . .	35
RPR Testing . . . . .	<i>See Macro-Vue</i>
RSV Testing . . . . .	43

## S

Sabouraud Media . . . . .	29, 102, 109, 111, 112
Sabouraud Agar, Modified . . . . .	29
Sabouraud Agar with Chloramphenicol . . . . .	102
Sabouraud Agar with Gentamycin and Chloramphenicol . . . . .	102
Sabouraud Dextrose Agar . . . . .	29, 102, 109, 111
Sabouraud Dextrose Agar with 2% Glucose . . . . .	112
Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 . . . . .	109, 112
Sabouraud Dextrose Broth . . . . .	29
Sabouraud Maltose Broth . . . . .	29
Sabouraud Medium, Fluid . . . . .	29
Saline, Normal . . . . .	106, 107
Salmonella Shigella Agar . . . . .	102
Sanitiser Neutraliser Agar . . . . .	109, 110, 111
SBG Sulfa Enrichment . . . . .	35
Schaedler Agar . . . . .	29
Schaedler Agar with Vitamin K1 and 5% Sheep Blood . . . . .	102
Schaedler Broth . . . . .	29
Schaedler Broth with Vitamin K1 . . . . .	106
Schaedler K-V Agar with 5% Sheep Blood . . . . .	102
Select APS Media . . . . .	29, 37
Select APS LB Broth Base . . . . .	37
Select APS Super Broth Base . . . . .	37
Select APS Tryptic Soy Broth . . . . .	29
Selective Strep Agar . . . . .	<i>See Group A Selective Strep Agar with 5% Sheep Blood</i>
Selenite Broth . . . . .	29
Selenite Cystine Broth . . . . .	29, 107
Selenite F Broth . . . . .	105
Sensi-Disc Dispensers . . . . .	63
Single Disc Dispenser . . . . .	63
Six Disc Dispenser . . . . .	63
Six - Eight Disc Dispenser . . . . .	63
Eight Disc Dispenser . . . . .	63
Twelve Disc Dispenser . . . . .	63
Dispenser Box . . . . .	63
Sensi-Disc . . . . .	63 - 68
Amikacin 10 ug . . . . .	64
Amikacin 30 ug . . . . .	66
Amoxicillin 10 ug . . . . .	68
Amoxicillin 25 ug . . . . .	64, 68
Amoxicillin 2 ug / Clavulanic Acid 1 ug . . . . .	65
Amoxicillin 20 ug / Clavulanic Acid 10 ug . . . . .	64
Ampicillin 2 ug . . . . .	65
Ampicillin 10 ug . . . . .	64, 65
Ampicillin 25 ug . . . . .	68
Ampicillin 10 ug / Subactam 20 ug . . . . .	65
Augmentin 3 ug . . . . .	65
Augmentin 30 ug . . . . .	64, 65
Azithromycin 15 ug . . . . .	67
Azlocillin 75 ug . . . . .	66
Aztreonam 30 ug . . . . .	66
Bacitracin 2 ug . . . . .	65
Bacitracin 10 ug . . . . .	65
Bacitracin 20 ug . . . . .	64
Blank Discs, Non-Sterile . . . . .	64
Carbenicillin 100 ug . . . . .	66
Cefaclor 30 ug . . . . .	66
Cefadroxyl 30 ug . . . . .	64
Cefepime 30 ug . . . . .	64, 67
Cefixime 5 ug . . . . .	67
Cefoxitin 10 ug . . . . .	68
Cefoxitin 30 ug . . . . .	64, 66
Cefotaxime 5 ug . . . . .	68
Cefotaxime 30 ug . . . . .	64, 65
Cefotaxime 30 ug / Clavulanic Acid 10 ug . . . . .	65
Cefotetan 30 ug . . . . .	66
Cefpodoxime 10 ug . . . . .	67
Cefsulodin 30 ug . . . . .	64
Ceftazidime 30 ug . . . . .	65
Ceftazidime 30 ug / Clavulanic Acid 10 ug . . . . .	65
Ceftiofur 30 ug . . . . .	64

Ceftriaxone 30 ug . . . . .	66
Cefuroxime 5 ug . . . . .	68
Cefuroxime 30 ug . . . . .	66
Cephalexin 30 ug . . . . .	64, 68
Cephalothin 30 ug . . . . .	65
Cephadrine 30 ug . . . . .	68
Chloramphenicol 10 ug . . . . .	67
Chloramphenicol 30 ug . . . . .	65
Ciprofloxacin 1 ug . . . . .	67
Ciprofloxacin 5 ug . . . . .	64, 67
Clarithromycin 2 ug . . . . .	67
Clarithromycin 15 ug . . . . .	67
Clindamycin 2 ug . . . . .	65
Clindamycin 10 ug . . . . .	64
Cloxacillin 1 ug . . . . .	65
Colistin 25 ug . . . . .	68
Cotrimoxazol 25 ug . . . . .	64, 66
Doxycycline 30 ug . . . . .	65
Ertapenem 10 ug . . . . .	67, 68
Erythromycin 5 ug . . . . .	68
Erythromycin 10 ug . . . . .	67
Erythromycin 15 ug . . . . .	64, 65
Fosfomycin 50 ug . . . . .	68
Fosfomycin 200 ug . . . . .	67
Fusidic Acid 10 ug . . . . .	64, 67
Gentamicin 10 ug . . . . .	64, 66
Gentamicin 120 ug . . . . .	67
Imipenem 10 ug . . . . .	64, 66
Kanamycin 30 ug . . . . .	66
Levofloxacin 1 ug . . . . .	68
Lincomycin 2 ug . . . . .	66
Linezolid 10 ug . . . . .	67
Linezolid 30 ug . . . . .	67
Levofloxacin 5 ug . . . . .	67
Mecillinam 10 ug . . . . .	67
Meropenem 10 ug . . . . .	64, 67
Metronidazole 5 ug . . . . .	67
Metronidazole Elution Discs 80 ug . . . . .	65
Minocycline 30 ug . . . . .	65
Moxalactam 30 ug . . . . .	66
Moxifloxacin 5 ug . . . . .	67
Mupirocin 5 ug . . . . .	67
Mupirocin 200 ug . . . . .	67
Nafcillin 1 ug . . . . .	66
Nalidixic Acid 30 ug . . . . .	64, 66
Neomycin 5 ug . . . . .	66
Neomycin 30 ug . . . . .	66
Netilmicin 10 ug . . . . .	67
Netilmicin 30 ug . . . . .	66
Nitrofurantoin 50 ug . . . . .	68
Nitrofurantoin 100 ug . . . . .	66
Nitrofurantoin 200 ug . . . . .	68
Norfloxacin 2 ug . . . . .	67
Norfloxacin 10 ug . . . . .	66
Novobiocin 5 ug . . . . .	66
Novobiocin 30 ug . . . . .	66
Ofloxacin 5 ug . . . . .	64, 67
Oleandomycin 15 ug . . . . .	64
Oxacillin 1 ug . . . . .	64, 66
Oxacillin 5 ug . . . . .	64
Oxolinic Acid 2 ug . . . . .	66
Oxytetracycline 30 ug . . . . .	66
Penicillin 1 ug . . . . .	68
Penicillin 1.5 ug . . . . .	68
Penicillin 2 ug . . . . .	66
Penicillin 10 ug . . . . .	66
Piperacillin 30 ug . . . . .	64
Piperacillin 75 ug . . . . .	68
Piperacillin 100 ug . . . . .	66
Piperacillin 75 ug / Tazobactam 10 ug . . . . .	68
Piperacillin 100 ug / Tazobactam 10 ug . . . . .	67
Polymyxin B 300 ug . . . . .	64, 66
Quinupristin / Dalfopristin 15 ug . . . . .	67
Rifampicin 2 ug . . . . .	68
Rifampin 5 ug . . . . .	63
Spectinomycin 100 ug . . . . .	66
Streptomycin 10 ug . . . . .	63

Streptomycin 50 ug . . . . .	63
Streptomycin 300 ug . . . . .	63
Sulfadiazine 0.25 ug . . . . .	66
Sulfamethoxazole 23.75 ug . . . . .	64
Synercid 15 ug . . . . .	67
Teicoplanin 30 ug . . . . .	68
Temocillin 30 ug . . . . .	67
Tetracycline 5 ug . . . . .	66
Tetracycline 10 ug . . . . .	68
Tetracycline 30 ug . . . . .	66
Ticarcillin 75 ug . . . . .	66
Ticarcillin with Clavulanic Acid 85 ug . . . . .	66
Tigecycline . . . . .	68
Timentin 85 ug . . . . .	66
Tobramycin 10 ug . . . . .	64, 66
Tobramycin 30 ug . . . . .	64
Trimethoprim 1.25 ug . . . . .	68
Trimethoprim 2.5 ug . . . . .	67
Trimethoprim 5 ug . . . . .	66
Vancomycin 5 ug . . . . .	66
Vancomycin 30 ug . . . . .	66
Serum Bags . . . . .	112
Seven H11 Agar . . . . .	<i>See Mycobacteria 7H11 Agar</i>
SF Medium . . . . .	29
SIM Medium . . . . .	29
Simmons Citrate Agar . . . . .	29, 105
S.I.R.E. Kit . . . . .	<i>See MGIT 960 Accessories</i>
Skim Milk . . . . .	29
SOB Medium . . . . .	37
Software . . . . .	13, 56
Crystal MIND Software . . . . .	56
EpiCenter for BACTEC, MGIT & Phoenix . . . . .	13
Viper ER Feature Pack Software . . . . .	80
Soluble Starch . . . . .	30
Sporulating Agar . . . . .	<i>See AK Agar No. 2</i>
SPS Agar . . . . .	30
Staphyloslide - Latex Test Kit . . . . .	42
Steiners Fluid . . . . .	108
Sterile Pack Plates . . . . .	109 - 111
Sterile Pack Swabs . . . . .	11
Streptocard Test Kit . . . . .	43
Swabs . . . . .	10, 11, 12, 76, 80
Sugar Free Agar . . . . .	30
Supplement C . . . . .	35
Synthetic Broth AOAC . . . . .	30
Syphilis Testing . . . . .	46

## T

TAT Broth Base . . . . .	30
Taxo Discs . . . . .	68 - 71
Taxo, Blank Discs . . . . .	68
Taxo Carbohydrate Discs . . . . .	69
Taxo - Dextrose Discs . . . . .	69
Taxo - Lactose Discs . . . . .	69
Taxo - Maltose Discs . . . . .	69
Taxo - Sucrose Discs . . . . .	69
Taxo Differentiation Discs & Strips . . . . .	69 - 71
Cefinase Paper Discs . . . . .	70
Taxo - A Discs . . . . .	69
Taxo - Hippurate Discs . . . . .	70
Taxo - INH Test Control . . . . .	92
Taxo - INH Test Strips . . . . .	93
Taxo - N Discs . . . . .	69
Taxo - Nitrite Test Strips . . . . .	93
Taxo - Novobiocin Discs . . . . .	70
Taxo - ONPG Discs . . . . .	70
Taxo - P Discs . . . . .	69
Taxo - SPS Discs . . . . .	70
Taxo - TB Niacin Test Control . . . . .	92
Taxo - TB Niacin Test Strips . . . . .	93
Taxo - V Factor Strips . . . . .	70
Taxo - X and V Factor Strips . . . . .	70
Taxo - X Factor Strips . . . . .	70
TB Stains . . . . .	93 - 94, 128
TB Auramine - Rhodamine T . . . . .	128
TB Carbofuchsin ZN . . . . .	128
TB Decolouriser . . . . .	94, 128

TB Fluorescent Stain Kit M . . . . .	94
TB Fluorescent Stain Kit T . . . . .	128
TB Potassium Permanganate . . . . .	128
TB Quick Stain - Carbofuchsin . . . . .	128
TB Stain Kit K . . . . .	93
TB Stain Kit AN . . . . .	128
TCBS Agar . . . . .	30
Tellurite Glycine Agar . . . . .	30
Tellurite Solution (1%) . . . . .	36
Terrific Broth . . . . .	37
Tetrathionate Broth . . . . .	108
Tetrathionate Broth Base . . . . .	37
Tetrathionate Broth Base, Hajna . . . . .	30
Thioglycollate Medium without Indicator . . . . .	30
Thioglycollate Medium, Brewer Modified . . . . .	30
Thioglycollate Medium, Enriched with Vitamin K1 and Haemin . . . . .	106
Thioglycollate Medium, Fluid . . . . .	30, 113
Thioglycollate Medium, Fluid (Modified) . . . . .	113
Thioglycollate Medium, Fluid with K Agar . . . . .	30
Tinsdale Agar Base . . . . .	30
Tinsdale Enrichment . . . . .	36
Todd Hewitt Broth . . . . .	30, 106
Todd Hewitt with CNA . . . . .	<i>See LIM Broth</i>
Tomato Juice Agar . . . . .	30
Tomato Juice Broth . . . . .	30
TT Broth Base, Hajna . . . . .	<i>See Tetrathionate Broth Base, Hajna</i>
Trichophyton Agar 3 . . . . .	31
Trichophyton Agar 6 . . . . .	31
Trichosel Broth, Modified . . . . .	31
Triple Sugar Iron Agar . . . . .	31
Tryptic / Trypticase Soy Agars . . . . .	31, 103, 105, 109-112
Tryptic Soy Agar, Dehydrated . . . . .	31
Trypticase Soy Agar, Dehydrated . . . . .	31
Trypticase Soy Agar, Prepared Plates . . . . .	103, 109 - 112
Trypticase Soy Agar with Defibrinated Sheep Blood (Blood Agar Slants) . . . . .	105
Trypticase Soy Agar with Lecithin and Polysorbate 80, Dehydrated . . . . .	31
Trypticase Soy Agar with Lecithin and Polysorbate 80, Prepared Plates . . . . .	109 - 112
Trypticase Soy Agar with Lecithin, Polysorbate 80 and Penicillinase . . . . .	110
Trypticase Soy Agar, Modified (TSA II), Dehydrated . . . . .	31
Trypticase Soy Agar with 5% Sheep Blood (TSA II), Prepared plates . . . . .	103
Tryptic & Trypticase Soy Broths . . . . .	29, 31, 106-107, 112-113
Select APS Tryptic Soy Broth, Dehydrated . . . . .	29
Tryptic / Trypticase Soy Broth, Dehydrated . . . . .	31
Tryptic Soy Broth Without Dextrose, Dehydrated . . . . .	31
Trypticase Soy Broth, Dougle Strength . . . . .	113
Trypticase Soy Broth, Prepared Tubes . . . . .	106, 107
Trypticase Soy Broth, Prepared Bottles . . . . .	113
Trypticase Soy Broth, Serum Bags . . . . .	112
Trypticase Soy Broth, Sterile, Dehydrated . . . . .	31
Trypticase Soy Broth with 20% Glycerol . . . . .	107
Trypticase Nitrate Broth . . . . .	<i>See Indole Nitrite Medium</i>
Trypticase Sulfite Neomycin Agar . . . . .	<i>See TSN Agar</i>
Tryptone Glucose Extract Agar . . . . .	31
Tryptone Water . . . . .	31
Tryptose Agar . . . . .	31
Tryptose Broth . . . . .	31
Tryptose Phosphate Broth . . . . .	32
TSN Agar . . . . .	32
TTC Solution (1%, Sterile) . . . . .	36
Tween 80 . . . . .	<i>See Polysorbate 80</i>

## U

Universal Beer Agar . . . . .	32
Universal Pre-enrichment Broth . . . . .	36
Universal Viral Transport Kit . . . . .	12
Urea Agar Base . . . . .	32
Urea Agar Plates . . . . .	106
USP Alternative Thioglycollate Medium . . . . .	<i>See NIH Thioglycollate Broth</i>
UVM Modified Listeria Enrichment Broth . . . . .	32

## V

VDRL Antigen . . . . .	<i>See Antigens</i>
VDRL Cardioliipin Antigen . . . . .	46
Violet Red Bile Agar . . . . .	32
Violet Red Bile Glucose Agar (VRBG Agar) . . . . .	32
Viper Instruments . . . . .	79
Viper ER Instrument . . . . .	79

Viper XTR Instrument . . . . .	79
Viper Accessories . . . . .	79
Pipette Tips . . . . .	79
Trash Bags . . . . .	79
Trash Box . . . . .	79
Viper ER Feature Pack Software . . . . .	80
Viper Lysing Heater . . . . .	80
Viper SP Tool . . . . .	80
Viper XTR Instrument Manual . . . . .	80
Viper Consumables for CT & GC QX Assays . . . . .	79
CT QX Reagent Pack . . . . .	79
CT/GC QX Control Set . . . . .	79
GC QX Reagent Pack . . . . .	79
Dilution Tubes . . . . .	79
Dilution Tube Caps . . . . .	79
Endocervical Specimen Collection Kit . . . . .	80
Extraction Reagents & Lysis Trough . . . . .	79
Extraction Tubes . . . . .	79
Male Urethral Specimen Collection Kit . . . . .	80
Microwell Package for Viper . . . . .	80
Swab Diluent . . . . .	79
Urine Preservative Transport for CT/GC QX Assays . . . . .	79
Vaginal Specimen Transport for CT/GC QX Assays . . . . .	80
Viper XTR Neutralisation Pouch . . . . .	80
Viral Transport Swabs . . . . .	<i>See Universal Viral Transport Kit</i>
Vitamin B12 Assay Medium . . . . .	32
Vogel-Bonner Medium . . . . .	103
Voges-Proskauer A - Reagent Droppers . . . . .	119
Voges-Proskauer B - Reagent Droppers . . . . .	119
VJ Agar . . . . .	32
VZVscan - Card Test Kit . . . . .	43, 44

## W

WL Differential Medium . . . . .	32
WL Nutrient Broth . . . . .	32
WL Nutrient Medium . . . . .	32

## X

XL Agar Base . . . . .	32
XLD Agar . . . . .	32, 102
XLT4 Agar Base . . . . .	33
XLT4 Supplement . . . . .	36

## Y

Yeast Carbon Base . . . . .	33
Yeast Extract Glucose Chloramphenicol Agar . . . . .	33
Yeast Morphology Agar . . . . .	33
Yeast Nitrogen Base . . . . .	33
Yeast Nitrogen Base without Amino Acids . . . . .	33
Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate . . . . .	33
Yersinia Selective Agar Base (CIN Agar Base) . . . . .	33
YM Agar (Yeast Mould Agar) . . . . .	33
YM Broth (Yeast Mould Broth) . . . . .	33
YPD Agar . . . . .	37
YPD Broth . . . . .	37
YT Medium (2 x) . . . . .	36

## Z

# Becton Dickinson U.K. Limited General Conditions of Sale

## 1. Definitions

In these Conditions:

- 1.1 “**Company**” means Becton, Dickinson U.K. Limited.
- 1.2 “**Buyer**” means the person, firm, company or authority to which Goods are supplied subject to these Conditions.
- 1.3 “**Conditions**” means the terms and conditions set out below as amended from time to time.
- 1.4 “**Goods**” means the goods supplied by the Company to the Buyer subject to these Conditions.
- 1.5 “**Contract**” means any agreement for the purchase of Goods by the Buyer to which these Conditions relate.
- 1.6 “**Price List**” means the standard price list for the Goods issued by the Company from time to time as amended from time to time.

## 2. Existence of Contract

- 2.1 Subject to the terms of any other written agreement between the parties, whose terms are expressed to prevail in the event of conflict between its terms and the terms set out herein, these Conditions shall apply to and be incorporated in all contracts for the sale of Goods by the Company to the Buyer to the exclusion of all other terms and conditions including any terms and conditions which the Buyer may purport to apply under any purchase order or similar document or which could be implied by trade custom, practice or course of dealing.
- 2.2 All orders for Goods shall be deemed to be an offer by the Buyer to purchase Goods pursuant to these Conditions to the exclusion of all other terms and conditions and shall be subject to acceptance by the Company. Accordingly, no binding contract shall be created by the placing of any order by the Buyer unless and until the Company has dispatched the Goods to the Buyer.
- 2.3 Any variation to these Conditions (including any special terms agreed between the parties) shall be inapplicable unless agreed in writing by the Company.
- 2.4 No particulars, statements or descriptions, whether contained in any advertising matter, catalogues, brochures, price lists or otherwise provided by the Company concerning the Goods, nor any oral representations by any employee, agent or representative of the Company shall form part of the Contract or these Conditions or be treated as a representation on the part of the Company.

## 3. Cancellation

- 3.1 The Contract may not be cancelled by the Buyer except with the written consent of the Company.
- 3.2 The Company at its option may cancel the Contract by serving written notice to the Buyer in the event that:
  - (A) a petition is presented, order made, meeting convened, resolution passed or any step is taken by any person (including the Company) with a view to the winding up (whether solvent or insolvent) of the Buyer, or the Buyer ceases or threatens to cease to carry on all or a material part of its business, except for the purpose of and followed by a reconstruction, amalgamation, reorganisation, merger or consolidation on terms approved by the Company before that step is taken; or
  - (B) the Buyer stops or suspends or threatens to suspend payment of all or a material part of its debts, or is unable to pay its debts, or is deemed unable to do so under section 123 of the Insolvency Act 1986; or
  - (C) a petition for an administration order is presented or an application for an administration order is made, or an administrator is appointed or notice of intention to appoint an administrator is given, or any other step is taken by any person with a view to the administration of the Buyer under the Insolvency Act 1986 including the passing of any resolution by the director or shareholders of the Buyer approving the presentation of any such petition, the making of any such application or appointment of the giving of any such notice; or
  - (D) it becomes illegal under the laws of any applicable jurisdiction for the Company to supply the Goods to the Buyer.

## 4. Prices and Minimum Order Values

- 4.1 Prices, unless specified separately, will be those quoted in the Price List in force at the date that the relevant Goods are despatched and are subject to variation by the Company without notice prior to the despatch of the relevant Goods. Additional delivery charges are applicable for certain Goods or quantities of Goods.
- 4.2 Where the Buyer orders less than the minimum order quantity for any Goods specified in the Price List the Company may refuse to accept such order.

## 5. Payment

- 5.1 Unless otherwise agreed in writing between the parties, the price of the Goods shall be paid in cash on or before delivery.
- 5.2 Where the Company agrees in its sole discretion to supply the Goods on credit, the Goods shall be paid for not later than thirty (30) days from the date of invoice (“Due Date”). The Company reserves the right to close the account or withhold further supplies of Goods if a Buyer fails to settle the invoice by the Due Date, without prejudice to any existing rights the Company may have in respect of any such unpaid invoice.
- 5.3 Any credit terms or extension of credit allowed to the Buyer by the Company may be changed or withdrawn at any time.
- 5.4 If the Buyer defaults in the payment when due of any sum payable by it under the Contract, its liability shall be increased on such sum from the Due Date until the actual payment (both before and after judgement) at that annual rate which is the rate provided for under the Late Payment of Commercial Debts Act 1998 and all applicable subordinate legislation as amended from time to time. The Buyer will reimburse the Company for all costs and expenses (including legal costs) incurred in the collection of any overdue amount.
- 5.5 Time shall be of the essence of the Contract for the purposes of this Condition 5 only.
- 5.6 If in the opinion of the Company, the credit-worthiness of the Buyer deteriorates before delivery of the Goods, the Company may require full or partial payment of the Price prior to delivery of the Goods or the provision of security for payment by the Buyer in a form acceptable to the Company. The Company will notify the Buyer of this requirement.

## 6. Terms of despatch and delivery

- 6.1 Goods will be delivered CPT (as defined by Incoterms 2000) the address in the UK as notified to the Company on the purchase order or as notified to the Company by the

Buyer on the telephone when the Buyer places the order.

- 6.2 Times or dates quoted by the Company for delivery of the Goods are intended as estimates only and shall not be of the essence. The Company shall not be liable in any way for any direct or indirect loss, damage or expense (including loss of profits and liability to third parties) suffered or incurred by the Buyer as a consequence of any delay in delivery.
- 6.3 The Company reserves the right to deliver the Goods by instalments in any sequence and to tender a separate invoice in respect of each instalment. Where the Goods are delivered by instalments, the Contract shall become severable and each instalment shall be deemed to be the subject of a separate Contract. No default or failure by the Company in respect of one or more instalments shall entitle the Buyer to treat the Contract as repudiated or to damages.

## 7. Acceptance

- 7.1 On receipt of the Goods the Buyer shall immediately inspect and examine the Goods, and, within ten (10) days of delivery, shall give written notice of any alleged shortage, or alleged defect not apparent from the visual exterior examination, to the Company. The Buyer shall be deemed to have accepted the Goods if no such written notice is served on the Company within ten (10) days of the date of delivery.
- 7.2 After acceptance the Customer shall not be entitled to reject any Goods which are not in accordance with the Contract.
- 7.3 The Buyer shall permit the Company to inspect any Goods alleged to be defective or damaged or any cases or packing in any consignment where shortage is alleged to have occurred and, if so requested by the Company, shall return the same to the Company.
- 7.4 If the Buyer fails to comply in any respect with Condition 7.1 or 7.3, the Goods shall be conclusively presumed to be in accordance with the Contract and free from any defect or damage which would be apparent on a reasonable examination of the Goods and the Buyer shall be deemed to have accepted the Goods. If the Buyer, having complied with Condition 7.1 and 7.3, establishes to the Company's reasonable satisfaction that the Goods are not in accordance with the Contract or are defective, the Buyer's sole remedy in respect thereof shall be limited, as the Company may elect to making good any shortage, to replacing such Goods or refunding all, or part of, the Contract price against return of the Goods.

## 8. Return of Goods to the Company

- 8.1 Subject to Condition 7 above, no Goods delivered in accordance with the Contract will be accepted for return, unless accompanied by the Company's “Application for Customer Return of Product Form” available on request from the Company, and on terms to be determined at the absolute discretion of the Company.
- 8.2 Such Goods must be returned to the Company carriage-paid at the Company's instruction only and must be securely packed in their original shipping cartons. The transit risk in all Goods returned to the Company, other than collection by the Company's representative, shall be the Buyer's unless a carrier nominated by the Company for the purpose is used and unless on the day the Goods are despatched written notice is sent by post or handed to the Company's representative giving the Buyer's name and address, the number of packages, the contents of each package and, where applicable, the name and address of the carrier. Each package shall contain a clear indication of the Buyer's name and address and a list of the contents.
- 8.3 Where Goods are returned directly to the Company's representative, documentation must be supplied and receipted stating the Buyer's name, address, the date and details of the Goods returned.
- 8.4 Goods returned without the prior written approval of the Company may, at the Company's absolute discretion, be returned to the Buyer or retained at the Buyer's cost without prejudice to any rights or remedies the Company may have.

## 9. Property and risk

- 9.1 For the purposes of this Condition 9.1, “Delivery” shall take place when the Goods are delivered to the first carrier. Risk in the Goods shall pass to the Buyer on Delivery. Property and ownership in the Goods, notwithstanding delivery of the Goods to the Buyer, shall not pass from the Company until (a) the Buyer shall have paid the Company in full therefore pursuant to Condition 5; and (b) no other sums are then outstanding from the Buyer to the Company on any account whatever whether or not such sums have become due for payment.
- 9.2 While property in the Goods remains with the Company pursuant to this Condition, the Buyer shall hold the Goods on a fiduciary basis only and as bailee for the Company. The Buyer shall store the Goods separately from its own Goods and those of any other person in good condition and marked in such a way that they are clearly identifiable as the property of the Company and shall insure the Goods to their full value against “All Risks” to the reasonable satisfaction of the Company.
- 9.3 In the event that the Company is entitled to exercise any of its rights under Condition 10, any right of the Buyer to sell, dispose of, deal or in any way use Goods in which the property remains vested in the Company shall cease forthwith. The Buyer shall immediately place any of the Goods in its possession or under its control at the disposal of the Company and Company shall (without prejudice to any of its other rights and remedies) have the right to re-possess and use such Goods and may together with its servants or agents, enter upon any land or building, vehicle or vessel or other place upon which such Goods are reasonably thought to be situated for the purpose of removing any such Goods.
- 9.4 For the purpose of so taking possession the Buyer gives to the Company irrevocable authority to enter its premises without notice for the purpose of collecting and removing the Goods.
- 9.5 Notwithstanding the foregoing, the Buyer may (subject to Condition 10 below) sell the Goods in the ordinary course of its business, but may not otherwise deal with, sell, part with possession of, consume or otherwise dispose of the Goods until title to them has passed to the Buyer as aforesaid.
- 9.6 Any sale by the Buyer permitted by Condition 9.5 above shall, as between the Buyer and its customer, be effected by the Buyer as principal and not as agent, but as between the Buyer and the Company the Buyer shall have a fiduciary duty to account to the Company for the proceeds of any such sale up to the total amount outstanding to the Company as aforesaid, and pending such accounting shall hold the same on trust for the Company.

## 10. Default by the Buyer

- 10.1 In the event of any of the following:

- (A) the Buyer fails to pay for the Goods in accordance with Condition 5;
  - (B) the Buyer fails to pay any other debt due and payable to the Company;
  - (C) the Buyer commits a material breach of these Conditions or the Contract. For the avoidance of doubt, and without limitation, any breach of Conditions 5, 12 and 19.1 will be considered a material breach;
  - (D) if any distress or execution shall be levied upon any of the Buyer's goods;
  - (E) the Buyer offers to make any arrangement with or composition for the benefit of its creditors, any petition for the winding-up of the Buyer (being a limited company) is passed or represented (other than for the purpose of amalgamation or reconstruction) or (being an individual or partnership) commits an act of bankruptcy or bankruptcy proceedings are commenced or if a receiver or administrative receiver, administrator or manager is appointed over the whole or any part of the Buyer's business or if the Buyer shall suffer any analogous proceedings under foreign law; the provisions of Conditions 10.2 and 10.3 shall apply.
- 10.2 All sums outstanding in respect of Goods supplied by the Company (whether or not such sums have become due for payment), shall immediately become payable.
- 10.3 The Company may in its absolute discretion and without prejudice to any other rights which it may have:
- (A) suspend or cancel all future deliveries of Goods to the Buyer under any Contract and or terminate such Contracts without further notice and liability upon its part, and/or
  - (B) appropriate any payment made by the Buyer for such Goods (or goods supplied under any other Contract with the Buyer) as the Company may in its sole discretion think fit; and/or
  - (C) claim interest in accordance with Condition 5.4

## 11. Limitation of Liability

- 11.1 Subject to Condition 7.4, the provisions of this Condition 11 set out the entire liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:
- (A) any breach of the Contract or these Conditions, and
  - (B) any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract or these Conditions.
- 11.2 Subject to Condition 11.5 below, the Company shall not be liable to the Buyer by reason of any representation or implied warranty, condition or other term or any duty of common law, or under the express terms of these Conditions or otherwise, for any loss of profit (whether direct or indirect loss), revenue, anticipated savings, goodwill or any type of special, indirect or consequential loss or damage (including business interruption), howsoever arising, or whether occasioned by the negligence of the Company, its employees, agents or sub-contractors.
- 11.3 Except as expressly stated in the Contract or in these Conditions, the Company does not give any representations, warranties or undertakings in relation to the Goods or in relation to the performance of its obligations under the Contract or these Conditions. Any representation, condition or warranty which might be implied or incorporated into the Contract or these Conditions by reason of statute, common law or otherwise is excluded to the fullest extent permitted by law.
- 11.4 Subject to Condition 11.5 the Company's total liability in contract, tort (including negligence or breach of statutory duty) misrepresentation or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price.
- 11.5 Nothing in the Contract or these Conditions shall restrict or exclude the Company's liability:
- (A) under Part 1 of the Consumer Protection Act 1987;
  - (B) in respect of fraudulent misrepresentation;
  - (C) for death or personal injury caused by the Company's negligence or the negligence of its employees or sub-contractors;
  - (D) arising under Section 12 of the Sale of Goods Act 1979 or Section 2 of the Supply of Goods and Services Act 1982; or
  - (E) any other liability which may not be lawfully excluded or limited.
- 11.6 Each of the exclusions or limitations of liability in each of Conditions 11.1 to 11.5 shall be construed as a separate and independent exclusion. If any exclusion is found by a court or competent authority of any jurisdiction to be void or unenforceable:
- (A) the parties shall negotiate in good faith to replace such void or unenforceable exclusion with a valid exclusion which, as far as possible, has the same legal and commercial effect as that which it has replaced; and
  - (B) the legality, validity and enforceability of the remainder of these Conditions in that jurisdiction shall not be affected.

## 12. Trade Compliance

- 12.1 The Company and the Buyer agree to fully comply with all applicable laws, including but not limited to export control laws, governing trans-border sales, re-sales, shipments and transfers of Goods. The Company's obligation to supply Goods is contingent upon receiving any required governmental authorisations.
- 12.2 If a licence or consent of any government or other authority is required for the acquisition, or use of the Goods, the Buyer shall obtain the licence and consent at its own expense and if requested produce evidence of it to the Company on demand. Failure to obtain any licence or consent does not entitle the Buyer to withhold or delay any payment of the price of the Goods. Any additional expenses or charges incurred by the Company resulting from such failure shall be paid by the Buyer.

## 13. Set off and counterclaim

- 13.1 The Buyer shall not be entitled to withhold payment of any invoice after its Due Date by reason of any right of set off or counterclaim which the Buyer may have or allege to have against the Company or for any other reason whatsoever.
- 13.2 The Company shall be entitled to set off against monies it is owed by the Buyer for the supply of Goods any monies which the Company owes the Buyer.

## 14. Force Majeure

- 14.1 If delivery of any or all of the Goods is prevented or delayed by an event of Force Majeure (as defined below in Condition 14.2), the Company shall be entitled to cancel or suspend deliveries of the Goods without prejudice to its rights to payment for any Goods already delivered.
- 14.2 Force Majeure means any circumstances not within the reasonable control of the Company, including, without limitation to the generality of the foregoing, industrial action, war, governmental action or regulation, act of God, riots or non-availability of stocks or materials.
- 14.3 The Company shall not be liable for any loss or damage arising directly or indirectly through or in consequence of such Force Majeure.
- 14.4 Either party may terminate an affected Contract if an event of Force Majeure continues for a period of six (6) months.

## 15. Assignment

- 15.1 The Buyer may not assign, sub-contract or in any way dispose of its rights and obligations

under the Contract without the prior written consent of the Company.

## 16. Sub-contracting

- 16.1 The Company shall be entitled to carry out its obligations arising pursuant to these Conditions through any agents or sub-contractors appointed by it in its absolute discretion for that purpose.

## 17. Entire Agreement

- 17.1 Without prejudice to the generality of Condition 2:
- (A) These Conditions, together with any documents referred to in it, constitute the whole agreement between the parties relating to the subject matter and supersede and extinguish any prior drafts, agreements, undertakings, representations, warranties and arrangements of any nature, whether in writing or oral, relating to such subject matter.
  - (B) The Buyer acknowledges that it has not been induced to enter into the Contract by any representation or warranty other than those contained in these Conditions and, agrees that it shall have no remedy in respect of any other such representation or warranty except in the case of fraud.

## 18. Provisions relating to these Conditions

- 18.1 Any term of these Conditions which is or may be void or unenforceable shall to the extent of such invalidity or unenforceability be deemed severable and shall not affect any other provision hereof.
- 18.2 No waiver or forbearance by the Company, whether express or implied in enforcing any of its rights hereunder shall prejudice its right to do so in the future.
- 18.3 All Contracts shall be non-exclusive and shall not confer any distribution or agency rights unless otherwise specifically agreed in writing.

## 19. Intellectual Property

- 19.1 Unless otherwise agreed in writing all Goods shall be sold or re-sold only in the packages and packaging in which the Goods were supplied by the Company and in no case may any trade mark other than the trade mark carried by the Goods at the time of delivery be marked on or applied in relation to the Goods by the Buyer.
- 19.2 No right or licence under the Contract to the Buyer under any patent, trade mark, copyright, registered design or other intellectual property right, except the right to use or re-sell the Goods.

## 20. Notices

- 20.1 Any notice required or permitted to be given by pursuant to these Conditions shall be in writing and served by 1st class post or by hand. The Buyer shall serve any such notice on the Company at the Company's registered office as detailed on invoices or such other address as the Company may from time to time notify to the Buyer. The Company may serve any such notice on the Buyer at the address notified to the Company or in default of notification to the address from which the Goods were ordered or if the Buyer is a company at the Buyer's registered office.
- 20.2 A properly addressed notice sent by 1st class post shall be deemed to have been given two days after the date of posting. A properly addressed notice served by hand shall be deemed to have been given upon delivery at the relevant address if it is delivered no later than 17.00 on a Business Day or if it is delivered later than 17.00 hours on a Business day or at any time on a day which is not a Business Day, at 08.00 hours on the next Business Day.

## 21. Relationship of the parties

- (A) Nothing in these Conditions shall constitute, or be deemed to constitute, a partnership between the parties nor, except as expressly provided, shall it constitute, or be deemed to constitute, any party the agent of any other party for any purpose.
- (B) Subject to any express provisions to the contrary in these Conditions, the Buyer shall have no right or authority to and shall not do any act, enter into any contract, make any representation, give any warranty, incur any liability, assume any obligation, whether express or implied, of any kind on behalf of the Company or bind the Company in any way.
- (C) Except as expressly provided for in the relevant Contract, nothing in these Conditions shall be construed as the Company granting the Buyer agency or distribution rights in respect of the sale or distribution of the Goods. For the avoidance of doubt, any sale of Goods as between the Buyer and a third party shall be effected by the Buyer as principal and not as agent or distributor of the Company and the Buyer shall not hold itself out as being an agent or distributor of the Company.

## 22. Third party rights

- 22.1 A person who is not a party to the Contract has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of the Contract or these Conditions.

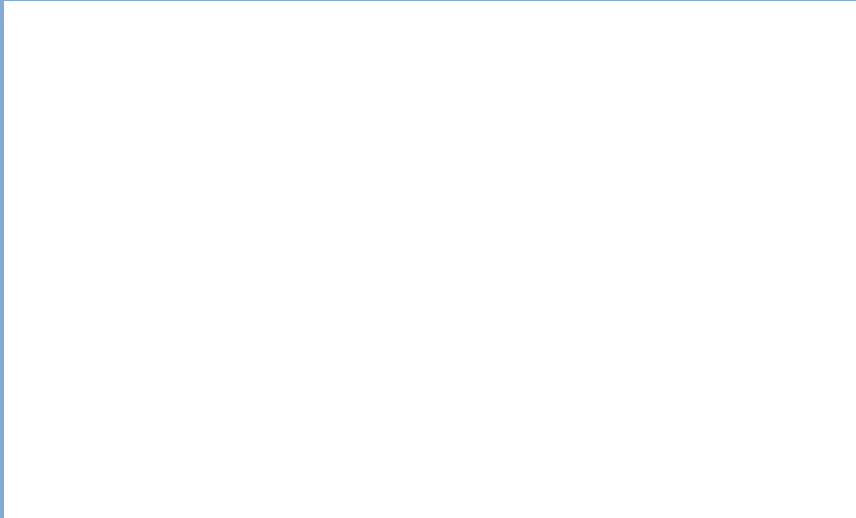
## 23. Law and jurisdiction

- 23.1 These Conditions and all Contracts shall be governed by and construed in accordance with English law and subject to the non-exclusive jurisdiction of the English Courts.

## 24. Data Protection

- 24.1 The Company collects, uses and discloses personal data for purposes connected with the Contract, e.g. order handling, payments, etc.. Data may be collected from individuals or from other (e.g. published) sources. In order to operate effectively as a member of the global Becton, Dickinson and Company ("BD") group of companies, the Company may for these purposes transfer this data to any country worldwide in which BD's companies or third party providers that process data on our behalf (e.g. centralized data centres) do business, including the United States. Laws and practices relating to the protection of personal data may differ, and such laws may not offer the same level of protection outside the European Economic Area. By proceeding with the transaction Buyer agrees, in the exceptional cases where such consent is necessary, in its own right and on behalf of all of its employees, whom the Buyer shall duly inform, to this use, disclosure and transfer of personal data. Such persons have the right to access personal data that the Company holds and to update or amend any personal data. For further information, please contact the Company.

Your local distributor



BD Diagnostics  
The Danby Building  
Edmund Halley Road  
Oxford Science Park  
Oxford OX4 4DQ

Tel: +44 (0)1865 781666  
Fax: +44 (0)1865 781627 - for ordering  
+44 (0)1865 781578 - for general enquiries  
Email: [BDUK\\_CustomerService@europe.bd.com](mailto:BDUK_CustomerService@europe.bd.com)  
Website: [www.bd.com/uk](http://www.bd.com/uk)