



One Gallon Container

All stain solutions are available in our economical one-gallon container.



Keep Clean Tap

For “keep clean” controllable dispensing.

Hinged Spout

An innovative closure allowing for regulated flow preventing spots and spills and minimizing evaporation.



Gram and AFB Stain Kits

BD continually renews its commitment to providing laboratories with the highest quality stain products. Within our new, state-of-

the-art ISO 9000 manufacturing centers of

excellence is a dedicated production area built around consistent process control. For example,

a unique BD manufacturing process reduces

the presence of artifacts—a chemical precipitate

sometimes mistaken for microorganisms in Gram

stain preparations. The end result is easier-to-read

and accurate staining.

All **BBL/Difco** stain kits are conveniently

packaged in a compact tray and feature no-drip

“keep clean” cap spouts, both on 250 mL bot-

tles and economical gallon containers, offering

ease-of-use.



3-Step Gram Stain Kit

Combines decolorization and counterstaining into one step. This technology offers ease-of-use and reduces turn-around time by 25%.



4-Step Gram Stain Kit

Available with Stabilized/Unstabilized Iodine.



2-Step AFB Stain Kit

The **TB Quick Stain Kit** is a rapid 2-step modification of the Ziehl-Neelsen and Kinyoun techniques. No heating, no separate decolorization steps and no filtering required.



3-Step AFB Stain Kit

The AFB Staining product line includes the traditional Kinyoun or Ziehl-Neelsen Stains. Either stain enables the detection of acid-fast microorganisms without the use of a fluorescent microscope.



Fluorescent Stain Kits

BD advanced fluorescent stains are available in either the **TB Fluorescent Kit M** or our most popular **TB Fluorescent Kit T**, containing the Auramine-Rhodamine Stain. Rhodamine offers the benefit of reducing non-specific background fluorescence that may be present in either culture or clinical specimens.

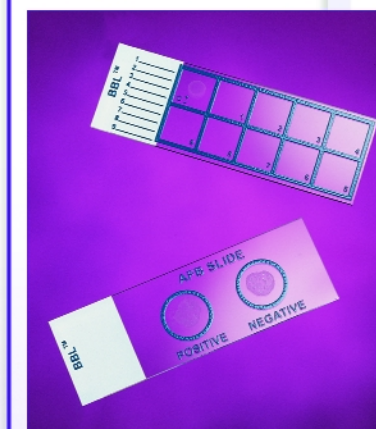


Acridine Orange Stain

Acridine Orange Stain is used for detecting microorganisms in direct smears by fluorescence. It's especially beneficial in screening normally sterile specimens where few organisms may be present. Bacteria stain bright orange; human cells, tissue debris and proteinaceous material stain pale green to yellow.

Gram and AFB QC Slides

Now there's a safe, convenient and cost-effective method for performing quality control of Gram, acid-fast and fluorescent staining procedures. **BD BBL** Gram QC Slides and **BD BBL** AFB QC Slides eliminate the need for the laboratory staff to maintain stock QC cultures and prepare QC slides. In addition, these slides help standardize laboratory procedures.



Gram QC Slides

- Conventional 1" x 3" microscope slides imprinted with 10 squares.
- One square contains control organisms *Staphylococcus aureus* and *Escherichia coli*.
- Remaining nine squares are available for staining test isolates.

AFB QC Slides

- Conventional 1" x 3" microscope slides imprinted with two circles.
- First circle is an acid-fast positive control with *Staphylococcus aureus* and *Bacillus subtilis* plus inactivated *Mycobacterium tuberculosis* H37Ra.
- Second circle is a negative control with an unstained mixture of non-acid-fast cocci (*Staphylococcus aureus*) and bacilli (*Bacillus subtilis*).



Gram

Stains & Controls

DESCRIPTION	UNIT OF MEASURE	CAT. NO.
GRAM STAIN KIT (STABILIZED)		212539
<i>INDIVIDUAL COMPONENTS:</i>		
GRAM CRYSTAL VIOLET	4X250ML	212525
	GALLON	212526
GRAM IODINE (STABILIZED)	4X250ML	212542
	GALLON	212543
GRAM DECOLORIZER	4X250ML	212527
	GALLON	212528
GRAM SAFRANIN	4X250ML	212531
	GALLON	212532
GRAM STAIN KIT (UNSTABILIZED)		212524
<i>INDIVIDUAL COMPONENTS:</i>		
GRAM CRYSTAL VIOLET	4X250ML	212525
	GALLON	212526
GRAM IODINE (UNSTABILIZED)	4X250ML	212529
	GALLON	212530
GRAM DECOLORIZER	4X250ML	212527
	GALLON	212528
GRAM SAFRANIN	4X250ML	212531
	GALLON	212532
3-STEP STAIN KIT-S		212533
<i>INDIVIDUAL COMPONENTS:</i>		
GRAM CRYSTAL VIOLET	4X250ML	212525
	GALLON	212526
GRAM IODINE(STABILIZED)	4X250ML	212542
	GALLON	212543
SAFRANIN-S (DECOLORIZER/ COUNTERSTAIN)	4X250ML	212534
	GALLON	212535
ALTERNATE COUNTERSTAIN		
GRAM BASIC FUCHSIN	4X250ML	212544
	GALLON	212545
CONTROL SLIDES		
GRAM STAIN QC SLIDES	50 TESTS	231401

AFB

Stains & Controls

DESCRIPTION	UNIT OF MEASURE	CAT. NO.
TB STAIN KIT K		212522
<i>INDIVIDUAL COMPONENTS:</i>		
TB CARBOLFUCHSIN KF	4X250ML	212518
TB DECOLORIZER	4X250ML	212517
TB BRILLIANT GREEN K	4X250ML	212523
TB STAIN KIT ZN		212520
<i>INDIVIDUAL COMPONENTS:</i>		
TB CARBOLFUCHSIN ZN	4X250ML	212511
TB DECOLORIZER	4X250ML	212517
TB METHYLENE BLUE	4X250ML	212516
TB FLUORESCENT KIT M		212519
<i>INDIVIDUAL COMPONENTS:</i>		
TB AURAMINE M		212514
TB DECOLORIZER TM		212512
TB POTASSIUM PERMANGANATE		212513
TB FLUORESCENT KIT T		212521
<i>INDIVIDUAL COMPONENTS:</i>		
TB AURAMINE RHODAMINE T		212515
TB DECOLORIZER TM		212512
TB POTASSIUM PERMANGANATE		212513
TB QUICK STAIN KIT		212315
<i>INDIVIDUAL COMPONENTS:</i>		
TB QUICK STAIN CARBOLFUCHSIN		212316
TB QUICK STAIN METHYLENE BLUE		212317
ACRIDINE ORANGE STAIN	1X250ML	212536
ACRIDINE ORANGE STAIN	4X250ML	212537
CONTROL SLIDES		
AFB QC SLIDES	50 TESTS	231391



From Stains to Controls

The Best for Gram/AFB Staining and Quality Control Slides

BD offers a Complete Breadth of Line

From Stains to Controls

BD offers both traditional and cutting edge staining methodologies, as well as quality control slides for Gram stain and acid-fast staining procedures. And every BD product is built with the quality that comes from **BBL™** and **Difco™** from over 160 years of microbiology expertise in clinical, public health and industrial facilities.

BD™ BBL™ Gram QC Slides and **BD™ BBL™** AFB QC Slides are just two more examples of new products created to meet the needs of the laboratory technician. BD continually adds to its continuum of products, with innovative product offerings in the areas of collection, rapid detection, isolation, identification and susceptibility testing.



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BD BBLTM Diagnostic Reagent Droppers



Indispensable to
human health

The Best of Both Worlds from BD and DifcoTM

Thanks to the integration of the BD and **Difco** reagent dropper lines, a complete line can now be offered that brings together the best of both worlds. **BBL** Diagnostic Reagent Droppers feature reagents that are hermetically sealed in an ampule to protect from chemical instability. What's more, even without refrigeration, the droppers have a shelf-life ranging from one to three years.

Featured in this new series are droppers designed with a flat stand-up bottom, allowing for ease-of-use. A one-

day supply of reagent or stain is hermetically sealed in an ampule built right into the plastic dropper sleeve. This eliminates the waste and inconvenience associated with bulk reagents. And no need for refrigeration means you'll have the convenience of room temperature storage.

To perform the tests, simply hold the dropper upright and squeeze to crush the ampule inside. Then tilt the dropper for convenient, drop-by-drop dispensing. It's easy. No need to worry about preparation, measuring or mixing!



BBL™ Diagnostic Reagent and Stain Droppers

Diagnostic Reagent Droppers Product Description (carton of 50, 0.5 ml apiece)	Codified Catalog Number
Oxidase Reagent Dropper <i>Used in the identification of bacteria which produce oxidase enzyme.</i>	261181
Desoxycholate Reagent Dropper <i>Used in the presumptive differentiation of pneumococci from other gram-positive cocci by the bile solubility test.</i>	261183
Indole Reagent Dropper <i>Used in the identification of bacteria that produce tryptophanase which reacts with tryptophan to produce indole.</i>	261185
DMACA Indole Reagent Dropper <i>Used in a rapid spot test for determining the ability of bacteria to produce indole by the deamination of tryptophan.</i>	261187
Ferric Chloride Reagent Dropper <i>Used in the identification of bacteria which produce phenylalanine deaminase which converts phenylalanine to phenylpyruvic acid.</i>	261190
10% Potassium Hydroxide Reagent Dropper <i>Used in the examination of direct smears for fungal elements.</i>	261191
Voges-Proskauer "A" Reagent Dropper (5% W/V alpha naphthol in absolute alcohol)	261192
Voges-Proskauer "B" Reagent Dropper (40% W/V potassium hydroxide in distilled H ₂ O) <i>Used in the identification of bacteria which produce acetylmethylcarbinol from glucose fermentation.</i>	261193
PRY Reagent Dropper (0.015% p-dimethylamino-cinnamaldehyde in acetic acid) <i>Used in the identification of bacteria which produce pyrrolidonase enzyme. The following PYR substrates can be used: Minitek™ PYR discs, PYR Broth, Strep ID plates.</i>	261196
Nitrate "A" Reagent Dropper (0.8% sulfanilic acid in 5 N acetic acid)	261197
Nitrate "B" Reagent Dropper (0.6% N, N, -dimethyl-alpha-naphthylamine in 5 N acetic acid) <i>Used to determine the ability of bacteria to reduce nitrate to nitrite.</i>	261198

Diagnostic Reagent Droppers Product Description (carton of 50, 0.5 ml apiece)	Codified Catalog Number
Ninhydrin Reagent Dropper (3.5%) ninhydrin in 50% aqueous ethanol) <i>Used in the identification of bacteria which hydrolyze hippurate.</i>	261201
Acridine Orange Stain Dropper (0.01% solution of [3, 6-bis (dimethylamino) acridine hydrochloride] in a 0.5 M acetate buffer) <i>Used in fluorescence microscopy detection of microorganisms in direct smears.</i>	261182
Lactophenol Cotton Blue Stain Dropper (A solution of 40% glycerol, 20% phenol, 20% lactic acid, cotton blue dye – 0.05% Poirrier's Blue H ₂ O) <i>Used in wet mounts for the examination of fungi.</i>	261188
Dobell and O'Connor's Iodine Stain Dropper (Aqueous solution of 1% iodine and 2% potassium iodine) <i>Used in the staining of cysts and eggs of parasites found in human feces.</i>	261189
India Ink Dropper (Modified) (Pelikan Drawing Ink #17 Black) <i>A new formulation of the enhanced visualization of capsules during examination of wet mounts of specimens for the presence of encapsulated yeast (i.e., Cryptococcus neoformans).</i>	261194
Calcofluor White Reagent Dropper (0.05% calcofluor white in an aqueous buffer) <i>Used in fluorescence microscopy detection of fungi in direct smears.</i>	261195
Evans Blue Reagent Dropper (Aqueous solution of 0.08% Direct Blue 53) <i>Used in conjunction with the Calcofluor White dropper as a counter-stain in fluorescence microscopy detection of fungi.</i>	261202
Catalase Reagent Dropper (Hydrogen peroxide and preservative)	261203
Methylene Blue Loeffler Reagent Dropper <i>Multi-purpose stain, aids in visualization of Quelling reaction.</i>	261204
Flagella Stain Reagent Dropper (Crystal violet-based stain)	261206
Nitrate C Reagent Dropper (Zinc dust)	261207



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Indispensable to
human health

DrySlide™

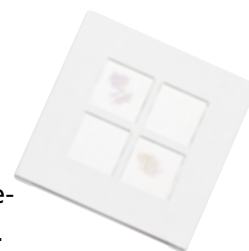
*The Dry Alternative
In Rapid Testing*

Now there's a dry alternative for rapid testing with microbiological biochemical reagents. Why use awkward disks, strips, filter papers, messy liquids or vials of reagents? Now you have the option of the disposable, convenient and cost-effective **DrySlide™** family of products. This innovative system employs a dry reagent cassette for spot biochemical analysis of bacteria. And because it's divided into four large segments, you can do multiple testing on a single slide. There's no spillage or breakage to worry about. Plus, the device is totally self-contained. And facilities that perform these tests frequently will find that **DrySlide™** is more cost-effective than other methods. The **DrySlide™** line is available in the following recommended methodologies:



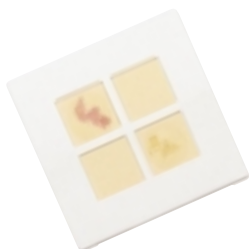
DrySlide™ Indole

A disposable slide containing a reagent cassette impregnated with 5% *p*-dimethylaminobenzaldehyde (DMABA) for the rapid "spot" identification of indole producing bacteria from primary culture. Test results in 30 seconds.



DrySlide™ Oxidase

A disposable slide containing film coated with oxidase reagent (N,N,N',N'-tetramethyl-*p*-phenylenediamine dihydrochloride). Test results in 20 seconds.



DrySlide™ Nitrocefin

A disposable slide containing a reagent cassette impregnated with nitrocefin for the rapid qualitative detection of beta-lactamase producing bacteria. Test results in 60 minutes or less.

DrySlide™ PYR Kit

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 hydrolyzed by bacteria possessing the enzyme pyrrolidonyl amino peptidase. The addition of the **DrySlide™** PYR Color Developer, which is provided in convenient crush ampules, results in a vivid color reaction in a 3 minute test.



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Product	Description	Original Cat #	New Codified No.
DrySlide Indole	75 slides	4331748	231748
DrySlide Oxidase	75 slides	4331746	231746
DrySlide Nitrocefin	25 slides	4331749	231749
DrySlide PYR Kit	15 slides - 15 ampules	4331747	231747