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Part Number:  8814871JAA		Category and Description Package Insert, BD BBL™ Sabouraud Dextrose Agar, Sterile Pac	Sheet: 1 of 2  Scale: N/A

# & BD BBL™ Prepared Plated Media Sabouraud Dextrose Agar, Sterile Pack

## INTENDED USE

This prepared medium is for the growth of microorganisms.

#### **SUMMARY AND EXPLANATION**

Prepared plated media are for the isolation and growth of microorganisms from specimens by a variety of procedures.<sup>1-4</sup>

# PRINCIPLES OF THE PROCEDURE

A wide variety of media have been formulated to satisfy the various nutritional requirements of microorganisms. The functions of many media ingredients have been elucidated.<sup>5</sup>

#### **REAGENTS**

## Formula: BD BBL™ Sabouraud Dextrose Agar

Approximate Formula\* Per Liter Purified Water

Pancreatic Digest of Casein5.0	g
Peptic Digest of Animal Tissue5.0	g
Dextrose40.0	g
Agar15.0	g

\*Adjusted and/or supplemented as required to meet performance criteria.

# Warnings and Precautions: For Laboratory Use

If excessive moisture is observed, invert the bottom over an off-set lid and allow to air dry in order to prevent formation of a seal between the top and bottom of the plate during incubation.

Observe aseptic techniques and established precautions against microbiological hazards throughout all procedures. After use, prepared plates and other contaminated materials should be sterilized by autoclaving.

**Storage Instructions:** On receipt, store plates in the dark at 2 to 8 °C. Avoid freezing and overheating. Do not open until ready to use. Allow the medium to warm to room temperature before inoculation. Packages may be stored at room temperature (not exceeding 30 °C) for up to 120 hours. Plates may be inoculated up to their expiration date and incubated for recommended incubation times. Discard the unused portion of all packages.

**Product Deterioration:** Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

## SPECIMEN COLLECTION AND HANDLING

This product is not for use directly with clinical specimens.

# **PROCEDURE**

**Material Provided: BD BBL** Sabouraud Dextrose Agar and one ziplock bag. **Materials Not Provided:** Ancillary culture media, reagents, quality control organisms and laboratory equipment as required for this procedure.

**Instructions:** Observe aseptic techniques. Incubate the plates in an inverted position (agar-side up) under conditions of temperature, humidity, time and atmosphere appropriate for the organisms being cultured.

## **User Quality Control:**

- 1. Examine plates for signs of deterioration.
- Check performance by inoculating a representative sample of plates with pure cultures of stable control organisms that give known, desired reactions. The following test strains are recommended:

TEST STRAIN	EXPECTED RESULTS
Candida albicans ATCC® 60193	Growth
Trichophyton mentagrophytes ATCC 9533	Growth

#### **RESULTS**

Isolated colonies should give results consistent with those of the quality control strains

#### LIMITATIONS OF THE PROCEDURE

Consult appropriate references for detailed information and recommended procedures for the identification of isolates. 1-4, 6

#### **AVAILABILITY**

Cat No Description

out. Ho.	Description	
299922	BD BBL™ Sabouraud Dextrose Agar, Sterile Pack,	
	Pkg_of 10 <b>RD Stacker™</b> plates	

292403 BD BBL™ Sabouraud Dextrose Agar, Sterile Pack, Ctn. of 100 BD Stacker™ plates

292336 BD BBL™ Sabouraud Dextrose Agar, Sterile Pack, Ctn. of 100 BD Stacker™ plates, Triple Wrap

## **REFERENCES**

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- FDA. 1995. Bacteriol. Analyt. Man., 8th ed. AOAC International, Gaithersburg, MD.
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- Gerhardt et al. (ed.). 1991. Man. Meth. Gen. Microbiol. ASM, Washington, D.C.
- Holt et al (ed.). 1994. Bergey's Man. Determ. Bacteriol., 9th ed. Williams & Wilkins, Baltimore.

Technical Information: In the United States contact BD Technical Service and Support at 1.800.638.8663 or www.bd.com.

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