

InTray™ SAB

InTray™ SAB+PVG

Sabouraud Dextrose Agar and Sabouraud Dextrose Agar with Antimicrobics

For *In Vitro* Diagnostic Use Only



**BIOMED
DIAGNOSTICS**

1-800-964-6466 • White City, OR 97503

INTENDED USE:

Sabouraud Dextrose Agar (SAB) is a general purpose medium devised by Sabouraud¹ for the cultivation of pathogenic and non-pathogenic fungi, including dermatophytes. For SAB+PVG, the addition of the antimicrobics Polymyxin B, Vancomycin and Gentamicin is a modification designed to increase fungal specificity by bacterial inhibition.

DESCRIPTION AND PRINCIPLE OF USE:

The low pH (approximately 5.6) is favorable for growth of fungi, especially yeasts and dermatophytes. SAB is slightly inhibitory to contaminating bacteria in clinical specimens.²⁻⁴ This inhibition is further enhanced in SAB+PVG. SAB is recommended in the *United States Pharmacopoeia (USP)* for use in performing total combined mold and yeast counts (Microbial Limits Tests).⁵

INOCULATION PROCEDURE:

Pull back the lower right corner adjacent to the clear window of the InTray™ label until the protective seal is completely visible. Remove the seal by pulling the tab (Fig. 1). **Discard** the seal. **DO NOT REMOVE OR ALTER THE WHITE FILTER STRIP OVER THE VENT HOLE!**

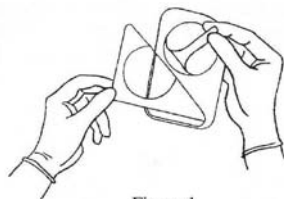


Figure 1

Inoculate the specimen on the surface of the medium. A sterile inoculating loop that has been moistened by touching the surface of the medium may be used for inoculation of solids or scrapings (Fig. 2).

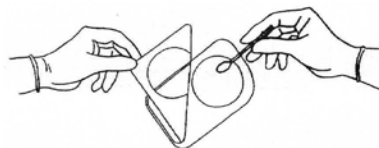


Figure 2

Reseal the InTray™ by pressing together the edges of the label against the plastic tray. **Press all around the InTray™ to insure a complete seal** (Fig. 3). Immediately label the InTray™ with patient or sample information and date. **DO NOT COVER THE VIEWING WINDOW.**



Figure 3

CULTURE AND RESULTS:

For isolation of fungi from potentially contaminated specimens, a selective medium (e.g. SAB+PVG) should be inoculated in parallel with a non-selective medium (e.g. SAB).

Incubate the InTray™ at 25-30°C for 18-48 hours, or up to 7-14 days for *Trichophyton*. Examine all cultures at least weekly for fungal growth. Samples should be held for 4-6 weeks before being reported as negative.

CULTURE RESPONSE:

Organism	ATCC™	Recovery
<i>Aspergillus niger</i>	16404	Good
<i>Candida albicans</i>	10231	Good
<i>Saccharomyces cerevisiae</i>	9763	Good
<i>Trichophyton mentagrophytes</i>	9533	Good

STORAGE:

Upon receipt, store InTray™ SAB and SAB+PVG under refrigeration (4°-6°C). Avoid freezing or prolonged storage at temperatures above 40°C. Do not use InTray™ SAB or SAB+PVG if the medium shows signs of deterioration or contamination. Expiration is 12 months past the date of manufacture.

PRECAUTIONS:

For in vitro diagnostic use only. Once the InTray™ has been inoculated and resealed, open only in a biological safety cabinet. Because of the potential for containing infectious materials, the InTray™ must be destroyed by autoclave or other equivalent means of disposal.

SYMBOL KEY			
Symbol	Used For	Symbol	Used For
	Batch code		Temperature limitation
	Date of manufacture		Catalog number
	Use by YYY-MM-DD or YYYY-MM		Caution, consult accompanying documents
	Manufacturer		Authorized representative in the European Community
	In vitro diagnostic medical device		in European community

REFERENCES:

1. Sabouraud. 1892. *Ann Dermatol. Syphil.* 3:1061.
2. Ajello *et al.* 1963. *CDC laboratory manual for medical mycology*. PHS Publication No. 994, U.S. Government Printing Office, Washington, D.C.
3. Reisner *et al.* 1999. *In Murray et al (ed.). Manual of Clinical Microbiology, 7th ed.* American Society for Microbiology, Washington, D.C.
4. Kwon-Chung and Bennett. 1992. *Medical Mycology*. Lea & Febiger, Philadelphia, Pa.
5. United States Pharmacopoeial Convention, Inc. 2001. *The United States Pharmacopoeia 25/The National Formulary 20-2002*. United States Pharmacopoeial Convention, Inc., Rockville, Md.

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