

Reading the Results

Evaluation

This is a selection of commonly encountered organisms. Please consult the references listed below, as well as other standard mycology and microbiology references.

Culture Response:

<i>A. brasiliensis</i>	ATCC® 16404.....	Good
<i>C. albicans</i>	ATCC 60193.....	Good
<i>T. mentagrophytes</i>	ATCC 9533.....	Good
<i>E. coli</i>	ATCC 25922.....	Inhibited

Limitations

InTray SAB+PVG is an agar medium that is susceptible to condensation collection within the inner seal, especially when stored at low temperatures and/or having been exposed to extreme temperature fluctuations. If moisture is visible on the surface of the InTrays, dry them (with the seal removed and InTray label in a position allowing for air flow) under a BSL-2 cabinet just prior to inoculation. There should be no visible droplets of moisture on the surface of the agar when they are inoculated. The surface of the dried medium should be smooth and should not show signs (webbed ribbing pattern on the agar surface) of desiccation.

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 Pharmacopeial Convention, Inc. 2001. *The United States Pharmacopeia 25/The National Formulary 20-2002*. United States Pharmacopeial Convention, Inc., Rockville, Md.

Symbol glossary: biomeddiagnostics.com/l/symbol-glossary

Document Revision History

Rev. B, Aug 2025

Removed QR Codes, updated manufactured by, company address and logo.

Rev. C, September 2025

Replaced ® with ™.



Manufactured by:
Biomed Diagnostics, a DCN Dx brand
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InTray™ **SAB+PVG**

REF

11-273-001

Σ

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REF

11-273-002

Σ

20

Not available in all countries; please inquire.

A SELECTIVE CULTURE SYSTEM TO AID
DETECTION OF fungi

For In Vitro Diagnostic Use

IVD



Introduction

Intended Use

InTray SAB+PVG contains Sabouraud Dextrose Agar (SAB) with Polymyxin B, Vancomycin and Gentamicin and is a selective medium used to aid in the detection of fungi, including dermatophytes.

Description and Principle

SAB is recommended in the United States Pharmacopoeia (USP) for use in performing total combined mold and yeast counts (Microbial Limits Tests).⁵ Sabouraud Dextrose Agar (SAB) is a general-purpose medium devised by Sabouraud¹ for the cultivation of pathogenic and non-pathogenic fungi, including dermatophytes. 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 For SAB+PVG, this inhibition is further enhanced by the addition of the antimicrobics: Polymyxin B, Vancomycin and Gentamicin, to increase fungal specificity.

Reagents and Appearance

SAB+PVG appears transparent with a light amber hue and contains peptic/casein digest, dextrose, polymyxin B sulfate (0.30 g/L), vancomycin (0.30g/L) and gentamycin sulfate (0.30 g/L) with a final pH of 5.6 ± 0.2 at 25°C.

Precautions, Safety and Disposal

Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing and gloves.

Do not use if package is damaged.

Once the tray has been inoculated and resealed, re-open only in a biological safety cabinet. Because of the potential for containing infectious materials, the tray must be destroyed by autoclaving at 121°C for 20 minutes.

Any serious incident that occurs in relation to this device shall be reported to the manufacturer and the competent authority, as required, of the country in which the user and/or the patient is established.

Storage

Upon receipt, store InTray SAB+PVG at 2-8°C. Avoid freezing or prolonged storage at temperatures above 40°C. Do not use InTray SAB+PVG if the medium shows signs of deterioration or contamination.

Procedure

Key notes regarding specimen collection:

Specimen collection poses a major uncertainty in using this device.
Use aseptic technique during specimen collection and handling.

1 Prepare InTray



Pull back the lower right corner adjacent to the clear window of the InTray label until the protective seal is completely visible.

3 Inoculate Sample



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.

Materials Provided

- InTray SAB+PVG

Materials Required but Not Provided

- Sterile inoculating tool (e.g., cotton swab/forceps/scalpel blade)
- Laboratory incubator capable of incubation at 25-30°C

2 Open Seals



Remove the paper-foil seal by pulling the tab.

Discard the seal.

Do not remove or alter the white filter strip over the vent hole!

4 Secure InTray



Reseal InTray label to the plastic tray body.

Press all around the perimeter of the InTray to ensure a complete seal.

Immediately label the InTray with sample information and date.

Do not cover the viewing window. Complete re-seal prevents dehydration!

Shelf Life

Expiration is 12 months past the date of manufacture.

Incubation

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.

Quality Control

This product has been tested and meets the CLSI (formerly NCCLS) Approved Standard for commercially prepared media (M22-A3). At the time of manufacture, quality control testing is performed on each lot of the InTray SAB+PVG. The ability of the media to support growth and demonstrate expected biochemical reactions and morphology is verified by lot. Refer to the CoA for lot-specific information.

Culture Response		
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