

InTray™ PDA

Potato Dextrose Agar

For *In Vitro* Diagnostic Use Only



**BIOMED
DIAGNOSTICS**

800-964-6466 • White City, OR 97503

INTENDED USE:

Potato Dextrose Agar is recommended by the American Public Health Association for plate counts of yeasts and molds in the examination of foods and dairy products.^{1,2} It is also used for maintenance, cultivation and sporulation of stock cultures of various dermatophytes and for differentiation of atypical varieties of dermatophytes by pigment production³.

DESCRIPTION AND PRINCIPLE OF USE:

Potato starch infusion and dextrose support luxuriant growth of fungi.

STORAGE:

Upon receipt, store InTray™ PDA under refrigeration (2-25°C). Avoid freezing or prolonged storage at temperatures above 40°C. Do not open until ready to use. Do not use if the medium shows signs of deterioration or contamination. Expiration is 12 months past the date of manufacture.

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!**

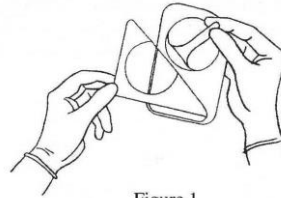


Figure 1

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).

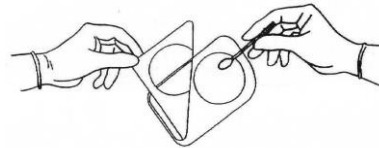


Figure 2

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.**

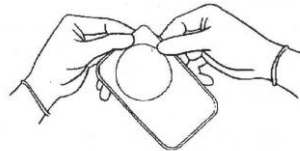


Figure 3

Incubate aerobically at 25-30°C for 18-48 hours.

CULTURE AND RESULTS:

Use standard procedures to obtain isolated colonies from specimens. For isolation of fungi from potentially contaminated specimens, a selective medium should be inoculated along with a non-selective medium. For isolation of fungi causing systemic mycoses, two sets of media should be inoculated, with one set incubated at 25-30°C and a duplicate set at 35±2°C. All cultures should be examined weekly for fungal growth and 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

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 YYYY-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:

- Downes and Eto. 2001 *Compendium of methods for the microbiological examination of foods*. 4th ed. APHA.
- Marshall. 1993. Standard methods for the examination of dairy products, 16th ed. APHA.
- MacFadden. 1985 Media for isolation-cultivation- identification-maintenance of medical bacteria, vol.1.

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