

#### VALUE

**High Throughput** – Once the device is inoculated, no other preparation is required saving time

**Cost Savings** – Reduces laboratory materials and medical waste

**High specificity** – Rose Bengal inhibits the growth of contaminating bacteria

#### BENEFITS

**Convenient** - Combines collection, culture, and observation into one device

**Easy to use** - Minimal lab procedures and equipment needed

**Easy observation** – No fogging or condensation on the InTray™ viewing window

**Safe** - Fully enclosed InTray™ system prevents contamination and reduces exposure to collected samples

#### PRODUCT SPECIFICS

**Storage** – Refrigeration (2-8 °C)

**Incubation** – 25-30°C

#### Quantity Sold

20 Pack (20-2401)  
5 Pack (20-2407)

## InTray™ Rose Bengal with Chloramphenicol

For the selective isolation and enumeration of yeasts, molds and fungus. Rose Bengal Agar is recommended by the American Public Health Association (APHA) for enumeration of yeasts and molds in foodstuffs and water

#### PRODUCT BIO

BioMed's InTray™ Rose Bengal is a microbiology sample collection, transport, and culture device for the growth, observation and enumeration of yeasts and molds from foodstuffs and water. **BioMed's patented InTray™ System saves time and money while reducing exposure to collected samples by combining several procedures into a single device.**



The patented InTray™ system consists of an outer, re-sealable label with an optically clear, anti-fog window covering the media, which creates an airtight seal over the 2" diameter agar surface. The innovative design of the InTray™, with its unique, high-performance viewing window, can be placed directly under a microscope while remaining sealed removing the need to prepare slides or expose the sample once the device has been inoculated. **By combining both growth and observation into one fully enclosed system, the InTray™ system increases throughput while decreasing the cost of laboratory materials and medical waste.**

Additionally, the InTray™ design lends itself to high performance in laboratory or controlled point-of-care settings as well as off-site locations or austere environments. The InTray™ Rose Bengal is a fully enclosed system and does not require any reagents or complicated procedures to inoculate or obtain presumptive results. The InTray™ system is also equipped with a small air filter creating a controlled air exchange.

#### Visual Results:

- *Candida albicans* and other yeasts – Pink
- *Aspergillus niger* – White to black
- *Escherichia coli* – Marked to complete inhibition
- *Micrococcus luteus* – Marked to complete inhibition

#### QUALITY CONTROL

At the time of manufacture, quality control testing is performed on each lot of the InTray™ Rose Bengal using ATCC™ strains to ensure viability and sterility. These tests are repeated through the end of the product shelf life by BioMed Diagnostics confirming the ability of the InTray™ Rose Bengal to support growth while maintaining specificity.

#### BACKGROUND

Soy Peptone in this agar provides the carbon and nitrogen sources required for good growth of a wide variety of organisms and dextrose is included as an energy source. Monopotassium Phosphate provides buffering capability. Magnesium Sulphate provides necessary trace elements. Rose Bengal is a selective agent that inhibits bacterial growth and the size of more rapidly growing molds colonies. Additionally, Rose Bengal is absorbed by yeast and mold colonies facilitating their recognition and enumeration while Chloramphenicol, a selective supplement, inhibits contaminating bacteria.

#### DIRECTION

To inoculate the InTray™ Rose Bengal, pull back the lower right corner of the label adjacent to the clear window until the protective seal is completely visible. Remove the seal by pulling the tab, discard the seal but do not remove the white filter strip over the vent hole.

Obtain a small amount of specimen sample and place sample on top of the agar. The 2" diameter well allows for a large enough surface area to streak for isolation.



## CORPORATE OVERVIEW

BioMed Diagnostics, Inc., a boutique biotech firm and an industry leader since 1989, develops and manufactures *in vitro* diagnostic devices. BioMed's point-of-care ready tests provide accurate diagnostic tools for scientists worldwide to aid in the identification of bacteria, parasites and fungi. The company formed as the result of a mercy mission conducted by a group of physicians to Central America; there they discovered the need for robust diagnostic tools for use in austere environments. Their experience unleashed the inspiration for BioMed's innovative products that support medical professionals, veterinarians, research teams, and environmental and industry scientists globally.

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# InTray™ Rose Bengal with Chloramphenicol

To incubate the device, return the label to its original position so the optically clear anti-fog window covers the medium. Press the edges of the label against the plastic tray to ensure an airtight seal. Best practice suggests incubation at 25-30°C for up to seven days. **Consult appropriate reference for ultimate sample collection, incubation and confirmation procedure.**

## DETECTION

Observe for colony growth and appearance through the clear window. For examination using a microscope, simply place the InTray™ Rose Bengal on the microscope and observe through the clear viewing window.

## REFERENCES

1. Beuchat L. R. and Cousin M. A., 2001, In Downes F. P. and Ito K., (Eds.), *Compendium of Methods for the Microbiological Examination of Foods*, 4th Ed., American Public Health Association, Washington, D.C.
2. Clesceri L. S., Greenberg A. E. and Eaton A. D., (Eds.), 1998, *Standard Methods for the Examination of Water and Wastewater*, 20th Ed., American Public Health Association, Washington, D.C.
3. Marshall R. T., (Ed.), 1993, *Standard Methods for the Examination of Dairy Products*, 16th Ed., American Public Health Association, Washington, D.C.