

InTray™ Colorex™ Salmonella Plus

For Research Use Only

INTENDED USE

The InTray™ Colorex™ Salmonella Plus is for isolation and detection of *Salmonella* species including *S. typhi*, *S. paratyphi*, and other lactose positive *Salmonella* species.

DESCRIPTION AND PRINCIPLE OF USE

With Colorex™ Salmonella Plus, *Salmonella* species, including *S. typhi*, *S. paratyphi* and lactose positive *Salmonella* are distinguishable by colony color. Also, *E. coli*-- usually abundant in environments tested for *Salmonella* are colorless. This medium meets the ISO 6579:2002 standard for detecting lactose positive *Salmonella*. Suitable for direct or enriched streaking of food, meat, eggs, milk and environmental samples.

STORAGE

Upon receipt, store InTray™ Colorex™ Salmonella Plus under refrigeration (2-8°C). Medium can be kept for one day at ambient temperature. 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.

INOCULATION PROCEDURE

Allow the InTray™ to warm to room temperature. Lift the lower right corner of the flexible InTray™ label until the protective seal is completely visible. Remove the paper-foil seal by pulling the tab (Fig. 1). **Discard** the seal. **DO NOT REMOVE OR ALTER THE WHITE FILTER STRIP OVER THE VENT HOLE!**

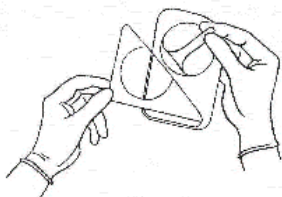


Figure 1

Streak sample onto the agar surface (Fig. 2).

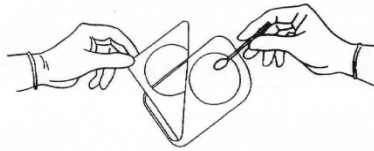


Figure 2

Reseal the InTray™ label to the plastic tray body. **Press all around the perimeter of the InTray™ to ensure 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

Incubate at 37°C for 18-24 hours under ambient atmosphere. Colonies of *Salmonella* appear mauve in color. Other bacteria appear colorless, blue, or are inhibited.

INTERPRETATION

Organism	Colony Appearance
<i>Salmonella</i> including <i>S. typhi</i> , <i>S. paratyphi</i> and other lactose positive <i>Salmonella</i>	Mauve
Coliforms	Blue
<i>E. coli</i>	Colorless
Other bacteria	Colorless or inhibited

LIMITATIONS/PRECAUTIONS

For research use only. This medium has a very high sensitivity but some *Salmonella* 'Dublin' may appear colourless, nevertheless *Salmonella* 'Dublin' is a rarely encountered serovar. Some *E. coli* strains may develop a very slight mauve coloration. Some *Pseudomonas* may have similar mauve

colony aspect and can be eliminated by an oxydase test. Final identification must be done by biochemistry and serology.

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

REAGENTS









Colorex™ Salmonella Plus contains Agar, peptone nutrients, antimicrobial selective compounds and chromogenic additives.

QUALITY CONTROL

All Biomed products lots are performance verified with ATCC® microbe strains. Product performance is also verified periodically throughout

Organism	ATCC®	Colony Appearance
<i>S. typhi</i>	BAA-215	Mauve
<i>S. typhi</i>	14028	Mauve
<i>K. pneumoniae</i>	13883	Blue
<i>E. faecalis</i>	29212	Inhibited
<i>E. coli</i>	25922	Colorless

the marked shelf life of each lot.

Symbol Key			
Symbol	Description	Symbol	Description
	Indicates the medical device manufacturer		Indicates the manufacturer's catalogue number so that the medical device can be identified
	Indicates the date after which the medical device is not to be used		Indicates that caution is necessary when operating the device or control close to where the symbol is placed, or that the current situation needs operator awareness or operator action in order to avoid undesirable consequences
	Indicates the manufacturer's batch code so that the batch or lot can be identified		Indicates the total number of tests that can be performed with the medical device
	Indicates the temperature limits to which the medical device can be safely exposed		Indicates the need for the user to consult the instructions for use

DOCUMENT REVISION HISTORY

Rev. C, Aug 2025 Updated manufacturer address, symbol table and logo. Added revision table.



Manufactured by:
Biomed Diagnostics, a DCN Dx brand
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