

## Colorex™ Salmonella Agar

Instructions for Use

11-223-002 InTray™ Colorex™ Salmonella, 2"tray, 20 trays/box  
 11-223-001 InTray™ Colorex™ Salmonella, 5pk

### INTENDED USE

Colorex™ Salmonella agar is a chromogenic medium™ for selective isolation and differentiation of *Salmonella* species, e.g., *Enterobacteriaceae* and other enteric bacteria.

### DESCRIPTION AND PRINCIPLE OF USE

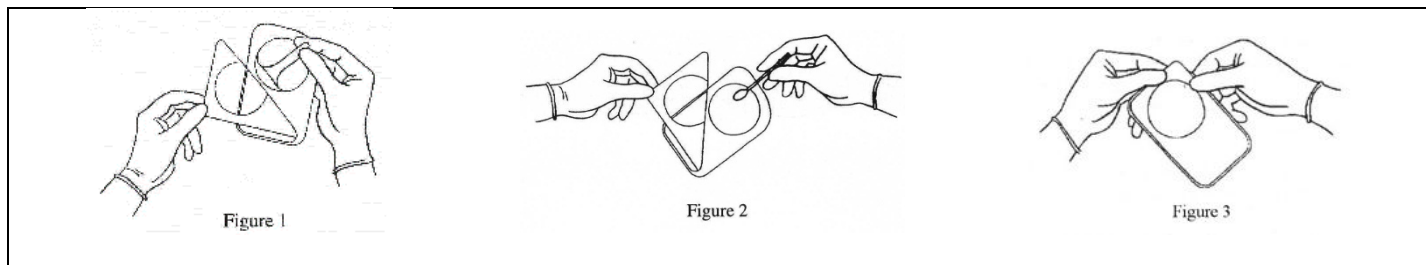
With Colorex™ Salmonella medium, *Salmonella* spp. including *S. typhi*, are distinguishable by colony color. The test can be performed with samples composed of mixed populations of bacteria, e.g stool, blood, biological fluids, surface streaks, etc. High sensitivity and specificity of the medium lead to a higher detection rate of *Salmonella* spp<sup>1</sup>. Selective agents inhibit the growth of gram-positive organisms. Artificial substrates are metabolized by specific microbial enzymes liberating insoluble chromogenic compounds. *Salmonella* species produce deep pink to mauve colored colonies. Bacteria other than *Salmonella* spp. produce blue colonies, or are colorless or inhibited.

### STORAGE

Upon receipt, store InTray™ Colorex™ Salmonella under refrigeration (2-8°C). Medium can be kept for one day at ambient temperature. Protect media from exposure to light, excessive heat, moisture and freezing. Do not open until ready to use. Do not use if the medium shows signs of deterioration, shrinking, cracking, discoloration 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!**



Streak laboratory sample onto the agar surface for isolation (Fig. 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 sample information and date. **DO NOT COVER THE VIEWING WINDOW.**

### CULTURE AND RESULTS

Incubate at 37°±2°C for 24 hours under ambient atmosphere. Colonies of *Salmonella* spp. appear deep pink to mauve. Non *Salmonella* bacteria are blue, colorless or are inhibited.

### LIMITATIONS/PRECAUTIONS

For *in vitro* diagnostic use. Some *Pseudomonas* may have similar mauve colony aspect and can be eliminated by an oxidase test. Many *S. typhi* can be detected after 24-48h incubation as mauve variable size colonies. 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.

## INTERPRETATION

Organism	Colony Appearance
<i>Salmonella</i> including <i>S. typhi</i>	Mauve
Other bacteria	Blue, colorless or Inhibited.















## REAGENTS

Colorex™ Salmonella contains agar, peptone nutrients, salts, antimicrobial selective compounds and chromogenic additives.

## QUALITY CONTROL

All Colorex™ Salmonella Agar products are performance verified with the following ATCC® microbe strains. Product performance is also verified periodically throughout the marked shelf life of each lot.

Organism	ATCC®	Colony Appearance
<i>S. enteritidis</i>	13076	Mauve
<i>S. typhimurium</i>	14028	Mauve
<i>E. coli</i>	25922	Metallic blue, small
<i>C. freundii</i>	8089	Metallic blue, small
<i>S. aureus</i>	25923	Inhibited
<i>C. albicans</i>	60193	Inhibited

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 authorized representative in the European Community/ European Union		CE certification
	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 a medical device that is intended to be used as an in vitro diagnostic medical device
	Indicates the need for the user to consult the instructions for use		Indicates a medical device that is intended for one single use only

## DOCUMENT REVISION HISTORY

Rev. E, Aug 2025

Updated facility address, contact information, symbol table and added revision table. Removed ® replaced with ™.

## REFERENCES

1. Gaillot et al. 1999. *J Clin Microbiol*, 37:762-765



Manufactured by:  
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