



InTray™ Colorex™ Listeria

For Research Use Only

INTENDED USE

InTray™ Colorex™ Listeria is for detection and enumeration of *Listeria monocytogenes*. This medium is primarily for use in assaying food products and environmental samples. Also suitable for isolation of *L. monocytogenes* from clinical samples, e.g. blood culture, rectal/vaginal swabs or CSF.

DESCRIPTION AND PRINCIPLE OF USE:

Listeria monocytogenes is a widespread bacteria present in soil, sewage or fecal matter, and is difficult to eliminate due to its ability to form biofilms. *L. monocytogenes* can cause serious food poisoning and is a QC target in food processing facilities. *L. monocytogenes* and *L. innocua* have similar biochemical properties and cannot be differentiated on traditional media. InTray™ Colorex™ Listeria helps to easily differentiate *Listeria monocytogenes* from other *Listeria* directly at the isolation step. Colorex™ Listeria medium has been validated for ISO 11290 methods for *Listeria* identification and enumeration (AFNOR CHR-21/1 and CHR-21/1).

STORAGE

Upon receipt, store InTray™ Colorex™ Listeria 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!**

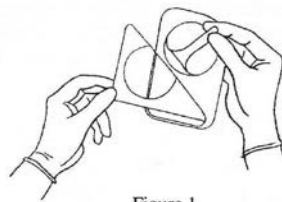


Figure 1

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

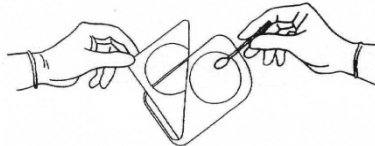


Figure 2

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 24±2 hours under ambient atmosphere. For best results, enrich samples for 24 hours at 30°C in half-frazier broth. For confirmation of *L. monocytogenes*, transfer suspect colonies to the InTray™ Colorex™ Identification Listeria.

INTERPRETATION

Organism	Colony Appearance
<i>L. monocytogenes</i>	Blue, small (<3mm) with regular and white halo
Other bacteria	Blue, colorless or Inhibited.

LIMITATIONS/PRECAUTIONS

For research use only. Some strains of *L. ivanovii* may also give blue colonies with white halo are

distinguished during identification. The species *L. ivanovii* is rarely found in food. Some strains of *B. cereus* can also grow as blue colonies. They can easily be distinguished from colonies of *L. monocytogenes* as they are much larger with an irregular edge to the colony and very large white halo.

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™ Listeria contains Agar, peptone nutrients, antimicrobial selective compounds and chromogenic additives.

QUALITY CONTROL

All Biomed product lots are performance verified with ATCC® microbe strains. Product performance is also verified periodically throughout the marked shelf life of each lot.

Organism	ATCC®	Colony Appearance
<i>L. monocytogenes</i>	19115	Blue with halo
<i>L. innocua</i>	33091	Blue w/o halo
<i>E. faecalis</i>	29212	Inhibited
<i>E. coli</i>	25922	Inhibited

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

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