

Specimen Collection and Handling

For clinical samples follow appropriate techniques for handling specimens as per established guidelines (5,6). After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning and Precautions :

In Vitro diagnostic Use only. Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets

Limitations :

1. Further biochemical tests are needed for a final identification of the isolated organisms.
2. *Listeria monocytogenes* is a highly pathogenic organism and therefore proper precautions should be taken while handling them.

Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

Quality Control

Appearance

Cream to yellow homogeneous free flowing powder

Colour and Clarity of prepared medium

Fluorescent yellow coloured, clear solution in tubes

Reaction

Reaction of 3.6% w/v aqueous solution at 25°C. pH : 7.3±0.2

pH

7.10-7.50

Cultural Response

Cultural characteristics observed with added Listeria Selective Supplement II (FD063 / FD063I) after an incubation at 30-35° C for 24-48 hours.

Organism	Inoculum (CFU)	Growth
<i>Candida albicans</i> ATCC 10231	≥10 ³	inhibited
<i>Escherichia coli</i> ATCC 25922	≥10 ³	inhibited
<i>Listeria monocytogenes</i> ATCC 19111	50-100	luxuriant
<i>Listeria monocytogenes</i> ATCC 19112	50-100	luxuriant
<i>Listeria monocytogenes</i> ATCC 19118	50-100	luxuriant
<i>Staphylococcus aureus</i> ATCC 25923	50-100	none-poor

Reference

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- 6.McClain D. and Lee W. H., 1988, J. Assoc. off. Anal. Chem., 71:660.
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