

Fraser Selective Supplement ISO

Intended Use

An antibiotic supplement recommended by ISO committee for the selective isolation, cultivation and identification of *Listeria monocytogenes* from foods, animals feed and environmental specimens.

Summary

Fraser Broth Base with addition of Fraser Selective Supplement ISO is used for selective isolation & enumeration of *Listeria monocytogenes* from food, animal feed etc.

Reagents / Contents

Each vial, sufficient for 1000 mL medium contains:

Acriflavin hydrochloride 12.50 mg
Nalidixic acid 10.00 mg

Storage and Stability

1. Store the Microxpress® Fraser Selective Supplement ISO kit at 2°C-8°C, away from light.
2. Stability of the Fraser Selective supplement ISO kit is as per the expiry date mentioned on the label.

Directions

1. Rehydrate the contents of 1 vial aseptically with 10 mL of sterile 0.2 N sodium hydroxide.
2. Mix well and aseptically add 1 vial to 1000 mL sterile Fraser Broth Base for primary enrichment or 2 vials to 1000 mL sterile, Fraser Broth Base for secondary enrichment. Mix well and dispense as desired.

Interpretation of results

Refer to appropriate references and procedures for results.

Quality Control

Cultural characteristics observed after an incubation of 40-48 hours at 30°C-35°C when added to Fraser Broth Base ISO.

Organisms (ATCC)	Growth	Esulin hydrolysis
<i>Listeria monocytogenes</i> serotype 4b (19115)	Good	+
<i>Listeria monocytogenes</i> strain Li 23 (19114)	Good	+
<i>Enterococcus faecalis</i> (29212)	Inhibited	-
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> (25923)	Inhibited	-
<i>Escherichia coli</i> (25922)	Inhibited	-

Key: + = (Positive) Blackening of medium

- = Negative

Remarks

1. Do not use cracked or broken vials.
2. Good laboratory practices and hazard precautions must be observed at all times.

Warranty

This product is designed to perform as described on the label and package insert. The manufacturer disclaims any implied warranty of use and sale for any other purpose.

References

1. Data on file: Microxpress®, A division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No. 204060370005	Product description Media Selective Supplement	Pack Size 5 Vials
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 Temperature limit	 Manufacturer	 LOT	Batch code	 Contains sufficient for <n> tests	 This way up
REF	Catalogue Number	 Consult Instructions for use	 Use-by date	 Date of Manufacture	Media Supplements Dehydrated Culture Media Supplements for Microbiological applications

Revision: 1125/VER-03

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.