

1.11883.0010**Microbiology****Listeria Selective Enrichment
Supplement acc. to FDA-BAM 1992****Contents: 10 vials (lyophilisate) for the preparation of 5.0 l
Listeria-Enrichment-Broth acc. to FDA/IDF-FIL****Application**Selective-Supplement for preparing Listeria-Enrichment-Broth
acc. to FDA/IDF/FIL**Principle**Listeria-Selective-Enrichment-Supplement acc. to FDA-BAM 1992 is a
mixture of three different antibiotics in the form of lyophilisate. It sup-
presses virtually the growth of accompanying microorganisms by the
selective enrichment of Listeria.**Composition (per vial)**

Acriflavin HCL	7.5 mg
Cycloheximide	25.0 mg
Nalidixic acid (Sodium salt)	20.0 mg

Preparation

1. Suspend 18 g Listeria-Enrichment-Broth (Base) acc. to FDA/IDF-FIL in 500 ml demineralized water.
2. Autoclave the medium at 121 °C/15 min.
3. Cool the medium under 50 °C.
4. Fill in the bottle of lyophilisate 1 ml of sterile distilled water and dissolve the lyophilisate.

To prepare 500 ml of Listeria-Enrichment-Broth acc. to FDA/IDF-FIL add the dissolved lyophilisate to the sterile culture medium cooled to a temperature under 50°C. Mix homogeneously the selective supplement into the culture medium solution by carefully swirling.

pH of the ready-to-use medium: 7.3 ± 0.2

Experimental procedure

Inoculate Listeria-Enrichment-Broth (usually add 25 g test portion of the sample to 225 ml of broth) and incubate 48 h at 30 °C.

Streak about 0.1 ml Enrichment broth on a Listeria-Selective-Agar plate, e.g. PALCAM-Listeria-Selective-Agar acc. to van Netten et al., in a way that single colonies are well isolated.

Ordering information

1.11951.0500	Listeria-Enrichment-Broth (Base) acc. to FDA/IDF-FIL	500 g
1.11755.0500	PALCAM-Listeria-Selective-Agar acc. to van Netten et al.	500 g

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