

LB1 Enrichment Solution

Cat: RL100149

Specification: 10*90ml

Storage: Store at 2-8°C, avoid light

Introduction:

I. Product use:

For the progrowth of *Listeria*.

II. Inspection principle:

Peptone provides carbon and nitrogen sources to meet the growth requirements of bacteria; Sodium chloride can maintain a balanced osmotic pressure; Potassium dihydrogen phosphate and disodium hydrogen phosphate are buffering agents.

III. Composition: g/L

Tryptone :5.0

Polyvalent peptone :5.0

Yeast paste powder :5.0

Sodium chloride :20.0

Potassium dihydrogen phosphate :1.4

Disodium hydrogen phosphate :12.0

Aesculin :1.0

1% acridine yellow :1.33mL

1% nalidixonic acid: 2.22mL

Distilled water: 1000mL

Final pH7.2±0.2

IV. Instructions for use: (for reference only)

Ready-to-use product: Unpacked and ready to use.

V. Quality Control:

The following quality control strains were inoculated and cultured at 30±1°C for 24 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	<i>Listeria monocytogenes</i> ATCC19115	on PALCAM >20cfu, the medium turns black (FB1)	the number of gray to black colonies with black halos
	<i>Escherichia coli</i> ATCC25922		
	<i>Enterococcus faecalis</i> ATCC29212		
Selective	<i>Escherichia coli</i> ATCC25922	<200cfu on TSA	-
	<i>Enterococcus faecalis</i> ATCC29212		-

VI. Note:

Operate in a clean environment to avoid contamination of the culture medium.

VII. Waste disposal:

After testing, the contaminated items are placed under high-pressure sterilization at 121°C for 30 minutes.