

Listeria Enrichment Solution

Cat: RL100107

Specification: 6*225ml

Storage: Store at 2-8°C, avoid light

Introduction:

I. Product use:

For selective pregrowth culture 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

pH 7.2±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	Listeria monocytogenes ATCC19115	On PALCAM, when the concentration exceeds 20cfu, the culture medium turns black (FB1)	The number of gray to black colonies with black halos
	Escherichia coli ATCC25922		
	SEnterococcus faecalis ATCC29212		
Selectivity	Escherichia coli ATCC25922	<200 cfu on TSA	-
	Enterococcus faecalis 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.