

## Double LB1 enrichment Solution

**Cat:** RL100136

**Specification:** 10\*50ml

**Storage:** Store at 2-8°C, avoid light

### Introduction:

#### I. Product use:

Used for selective enrichment 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

peptone: 5.0

Polyvalent ptone: 5.0

Yeast paste: 5.0

Sodium chloride: 20.0

Potassium dihydrogen phosphate: 1.4

Disodium hydrogen phosphate: 12.0

Aesculin :1.0

1% acriflavine :1.33mL

1% nalidixic 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 >20 cfu the medium turns black (FB1)	the number of gray to black colonies with black halos
	Escherichia coli ATCC25922		
	Enterococcus faecalis ATCC29212		
Selective	Escherichia coli ATCC25922	on TSA <200 cfu	-
	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.