

## Enterobacteriaceae Enrichment Broth

**Cat:** RL100118

**Specification:** 6\*225ml

**Storage:** Store at 2-25°C, avoid light

### Introduction:

#### I. Product use:

For the growth culture of intestinal bacteria.

#### II. Inspection principle:

Peptone provides protein, vitamins and amino acids; Glucose provides carbon source; Disodium hydrogen phosphate and potassium dihydrogen phosphate are buffer agents. Bile salt and brilliant green were selective bacteriostatic agents, which inhibited the growth of non-enterobacteriaceae bacteria.

#### III. Composition: g/L

Peptone: 10.0

Glucose: 5.0

Cow bile salt: 20.0

Disodium hydrogen phosphate: 8.0

Potassium dihydrogen phosphate: 2.0

Brilliant green: 0.015

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 into the test medium at 42°C for 18 hours, and the results are as follows:

Index	quality control strain and number	standard value	characteristic reaction
Growth rate	Escherichia coli CMCC(B)44102	>20cfu on MacConkey	with a bright pink or pink surface and smooth, moist appearance
	E. sakazakii ATCC29544		bright peach or pink, with a smooth and moist surface
	Pseudomonas aeruginosa CMCC(B)10104		colorless to light orange, transparent or translucent
	Staphylococcus aureus CMCC(B)26003	-	-
Selective	Escherichia coli CMCC(B)44102	<20cfu on TSA	-

#### 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.