

## Enterobacteriaceae Enrichment Broth

**Cat:** RL100140

**Specification:** 10\*30ml

**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

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 42°C for 18 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	Escherichia coli CMCC(B)44102	>20cfu on Mac Conkey plate	a bright peach or pink surface that is smooth and moist
	E. sakazakii ATCC29544		The colony is 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	Staphylococcus aureus CMCC(B)26003	on TSA < 200cfu	-

#### 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.