

Phosphate Buffered Saline

Cat: RL100142

Specification: 10*225ml

Storage: Store at 2-25°C, avoid light

Introduction:

I. Product use:

For the growth culture of *Yersinia enterocolitis*.

II. Inspection principle:

Sorbitol provides carbon and nitrogen sources, sodium dihydrogen phosphate and sodium dihydrogen phosphate as buffers, bile salts inhibit Gram-positive bacteria, and sodium chloride provides osmotic pressure required by cells.

III. Composition: g/L

Disodium hydrogen phosphate : 8.23

Sodium dihydrogen phosphate (NaH₂PO₄.H₂O): 1.2

Sodium chloride :5.0

No. 3 bile salt :1.5

Sorbitol :20.0

Final pH7.6±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 26±1°C for 48 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	<i>Yersinia enterocolitica</i> CMCC(B)52204	on the modified Y plate > 20cfu,	with round, colorless, transparent, and non-sticky colonies
	<i>Enterococcus faecalis</i> ATCC29212		
	<i>Pseudomonas aeruginosa</i> ATCC27853		
Selective	<i>Staphylococcus aureus</i> CMCC(B)26003	on TSA <200cfu	-
	<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.