

## Alkaline Peptone Water

**Cat:** RL100131

**Specification:** 10\*225ml

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

### Introduction:

#### I. Product use:

For selective enrichment culture of basophilic bacteria, especially *Vibrio* SPP.

#### II. Inspection principle:

Peptone provides carbon and nitrogen source; Sodium chloride was used to maintain the equilibrium osmotic pressure. A higher pH is beneficial to inhibit the growth of coliforms and other miscellaneous bacteria, and to the growth of *Vibrio cholerae*.

#### III. Composition: g/L

Peptone: 20.0

Sodium chloride: 20.0

Distilled water: 1000mL

pH 8.5±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 35-37°C for 6-8 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	<i>Vibrio cholerae</i> VBO	grows well	the broth is cloudy
	<i>Vibrio parahaemolyticus</i> ATCC17028		

#### 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.