

## Ringer's Solution, for amphibians

**Cat. No:** PB180342

**Size:** 500mL

### General Information

<b>Product Form</b>	Liquid
<b>Concentration</b>	1×
<b>pH</b>	7.2-7.4
<b>D-Glucose</b>	2000mg/L
<b>HEPES</b>	Negative
<b>NaHCO<sub>3</sub></b>	200mg/L
<b>Phenol red</b>	Negative
<b>CaCl<sub>2</sub> (anhydrous)</b>	120mg/L
<b>Storage</b>	2-30°C
<b>Shipping</b>	RT
<b>Expiration date</b>	36 months

### Background

Balanced Salt Solution (Physiological Solution) have the properties of buffer solution (regulate pH), normal saline (maintain osmotic pressure) and culture medium (provide nutrition). It can meet the basic needs of survival and metabolism of tissues, organs or cells in vitro. A small amount of phenolic red was added to some equilibrium salt solutions to indicate the pH change of the solution.

Ringer's Solution was invented by British physiologist Ringer. It is a kind of balanced salt solution, which is close to the amphibian's internal environment. In vitro experiments, it can be used to prolong the beating time of frog's heart in vitro and maintain the physiological activity of other isolated tissues and organs in vitro.

### Notes

1. This product is for research use only.;
2. This product is sterilized by 0.1μm filtration.;
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.