

## Earle's Balanced Salt Solution (EBSS), without calcium, magnesium, phenol red

**Cat. No:** PB180334

**Size:** 500mL

### General Information

<b>Product Form</b>	Liquid
<b>Concentration</b>	1×
<b>pH</b>	7.0-7.4
<b>D-Glucose</b>	1000mg/L
<b>NaHCO<sub>3</sub></b>	2200mg/L
<b>Phenol red</b>	negative
<b>Ca<sup>2+</sup></b>	Negative
<b>Mg<sup>2+</sup></b>	Negative
<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.

Earle's Balanced Salt Solution (EBSS) is one of the most widely used phosphate buffer in biochemistry. The main components are NaCl, KCl, Na<sub>2</sub>HPO<sub>4</sub> and NaHCO<sub>3</sub>. EBSS are often used to rinse tissue or cells, to transport cells or tissues, to prepare other reagents, to dilute the cells when counting the cells.

### 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.