

## Phosphate Buffer (PBS)

Cat. No: PB180327  
Size: 500mL

### General Information

Product Form	Liquid
Concentration	10mM
pH	7.2-7.4
NaHCO <sub>3</sub>	negative
Phenol red	negative
Ca <sup>2+</sup> -Mg <sup>2+</sup>	Negative
Storage	2-30°C
Shipping	RT
Expiration date	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. Phosphate Buffered Saline (PBS) is one of the most widely used equilibrium salt solutions in biochemistry. The main components are Na<sub>2</sub>HPO<sub>4</sub>·K<sub>2</sub>HPO<sub>4</sub>·NaCl and KCl. PBS buffers 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 0.22 μ m filtration and use directly without dilution.
3. It is necessary to pay attention to the aseptic operation and avoid the pollution.