

Phosphate Buffer (PBS), 10 ×

Cat. No. : PB180521

Size : 500mL / 1000mL

General Information

| | |
|------------------------------------|------------------|
| Product Form | Liquid |
| Concentration | 10 × |
| pH | 7.2-7.4 |
| NaHCO ₃ | negative |
| Phenol red | negative |
| Ca ²⁺ -Mg ²⁺ | negative |
| Storage | 2-30°C |
| Shipping | Room Temperature |
| 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 Na₂HPO₄, KH₂PO₄, 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 only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.
4. This product is a concentrated solution and dilute it to the desired concentration before use.