

DPBS, With Calcium, Magnesium ions, 10×

Cat No.: P1006

Package: 500ml

Storage: Store at room temperature and be valid for 2 years.

Product Description:

D-PBS (phosphate buffered solution) phosphate buffer, can provide a relatively stable ion environment and pH buffer capacity, is often used in the biology of buffer salt solution, used for molecular cloning and cell culture, pH is 7.2-7.4, and human blood infiltration, the main components for potassium dihydrogen phosphate, 12 hydrate hydrogen sodium phosphate, sodium chloride, potassium chloride, calcium chloride and magnesium chloride.

This product is 10 working fluid, which has been sterilized and can be used directly after the sterile water is diluted to 1X.

Component	Concentration
NaCl	1379.3mM
KCl	26.7mM
Na ₂ HPO ₄ ·12H ₂ O	80.6mM
KH ₂ PO ₄	14.7mM
CaCl ₂	9mM
MgCl ₂ ·6H ₂ O	4.9mM

Matters Need Attention:

1. Special attention should be paid to avoid microbial contamination of the solution during the use of D-PBS.
2. D-PBS may precipitate at low temperatures. If precipitation is found, place it in a 37°C water bath until fully dissolved before use.
3. For your safety and health, please wear laboratory clothes and wear disposable gloves.