

10×PBS (0.1M, pH 7.2-7.4)

Cat #: A-CSH734

Size: 500mL

Storage: room temperature (12 months)

Product Description

PBS (phosphate buffered solution) is the most widely used buffering solution, providing a relatively stable ion environment and pH buffering capacity. It is mainly used in molecular cloning and cell culture. The pH of PBS is 7.2-7.4, which is isotonic with human blood. The main components are KH_2PO_4 , Na_2HPO_4 , NaCl , and KCl . Na_2HPO_4 and KH_2PO_4 have secondary dissociation, providing a wide range of pH buffering, while NaCl and KCl mainly increase the salt ion concentration. This product is a 10× working solution, free of calcium and magnesium ions, and has been filtered and sterilized for direct use.

Usage

Take an appropriate amount of PBS according to the specific experimental requirement, and avoid microbial contamination.

Notes

1. Pay special attention to avoiding microbial contamination during the use of PBS.
2. PBS may precipitate under low temperature. If precipitation occurs, it can generally be dissolved by placing it in a warm bath. If there is a significant amount of precipitation, it should be discarded.
3. This product is for scientific research purposes by professionals only and should not be used for clinical diagnosis or treatment, or for food or drugs.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.