

PBS Phosphate Buffer Solution (0.1mol/L, pH 4.7, Sterile)

Cat #: A-CSH457

Size: 500mL

Storage: Room temperature (12 months)

Product Description

Balanced Salt Solution (BSS) is designed to mimic the physiological conditions of cells, including pH and osmotic pressure, and provides essential energy and inorganic salt components necessary for cell survival and metabolism. It helps maintain osmotic pressure, control acid-base balance, and meet the basic metabolic needs of cells in in vitro experiments.

Phosphate-Buffered Saline (PBS) (0.1mol/L, pH 4.7, sterile) is mainly composed of monobasic sodium phosphate and dibasic sodium phosphate, with a small amount of sodium chloride. It does not contain calcium ions or magnesium ions and is primarily used for immunohistochemistry, tissue sectioning, or other routine purposes.

Usage

Follow specific experimental requirements.

Notes

1. PBS does not contain calcium ions, which makes it less prone to precipitation. However, if the solution concentration is relatively high or it is stored at a low temperature, precipitation may occur. In such cases, the solution can be placed in a warm bath to dissolve the precipitate. If the precipitate cannot be dissolved even after heating, the solution should be discarded.
2. For your safety and health, please wear lab attire and disposable gloves while handling.

Disclaimer

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