

# 1 × PBS Instant Granules

G101

Version 23.1



## Product Description

1 × PBS Instant Granules are premixed instant granules. Each bag of G101 can be prepared into 1 L of PBS solution. This solution contains 10 mM Phosphate Buffer, 137 mM NaCl, 2.7 mM KCl and pH  $7.4 \pm 0.1$  (25°C). The features of this product are rapid dissolution; no need to weigh and adjust pH; efficient and time-saving.

This product is one of the most commonly used buffers in biology. It is widely used in biochemistry, molecular biology, cell biology, experimental zoology and other research fields. PBS solution can be used for washing of cells and tissues, or other routine purposes.

## Components

Components	G101
1 × Phosphate Buffered Saline (PBS)	10 × 1 L

## Storage

Store at 15 ~ 25°C and transport at room temperature.

## Applications

It is applicable for acting as an isotonic saline solution for washing cells and a solvent for sample dilution during cell culture and other experiments.

## Notes

For research use only. Not for use in diagnostic procedures.

1. Wear disposable gloves and masks for health.
2. PBS solution may produce precipitation at low temperature. If precipitation occurs, please place it in a 37°C water bath until it is completely dissolved before use.
3. Make sure the equipment used is clean before preparing solutions.
4. When opening the package, avoid spilling the powder in the bag. A small amount of agglomerated dry powder remained in the bag, which does not affect the experimental results.

## Experiment Process

Take out one bag of 1 × PBS Instant Granules, then dissolve all the granules in 800 ml of ddH<sub>2</sub>O. Finally, add ddH<sub>2</sub>O to bring the total volume up to 1 L and fully dissolve before use.