

NEUROMICS



1X Phosphate Buffer Solution

Catalog #: PBS300

Size: 100 ml

Storage: Ambient or 2-4°C

Product Format: Liquid

Purity: >98% (SDS PAGE)

pH: 7.4±0.2 (25°C)

General Information

1X Phosphate Buffer Saline is ready to use buffer solution commonly used in biological research. PBS is ideal for maintain a constant pH and since it is isotonic and non-toxic to cells, it can be used in a wide variety of biological applications. PBS is frequently used as a wash and dilution buffer, and is also to take a reference spectrum protein adsorption. It is great for washing coating plates and T-flasks.

Product Composition:

Phosphate Buffer	10mM
Potassium Chloride	2.7mM
Sodium Chloride	137mM
Potassium Phosphate	1.7mM
Calcium Chloride	0.9 mM (100 mg/L)
Magnesium Chloride	0.5 mM (100 mg/L)

Shipping and Storage

Product is ambient

Usage

- If buffer is used in cell culture applications, sterilization of the solution may be necessary
 - Pre-diluted buffer can be dispensed into aliquots and sterilized by autoclaving (20 minutes, 121°C, Liquid Cycle)
- Phosphate Buffer saline can be stored at room temperature but non-sterile solution may warrant refrigeration to prevent bacterial growth over time
- Concentrated stocks solutions may precipitate when cooled and should be kept at room temperature until precipitate has completely dissolved before use.

FOR RESEARCH USE ONLY

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