

PBS (10X), sterile
(Phosphate Buffered Saline, 10x concentrated)#GS11.0110 (1L)
(FOR RESEARCH ONLY)

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- Product:** PBS (20X) is an aqueous solution of 1.37M NaCl, 27mM KCl, 100mM Na₂HPO₄ and 20mM KH₂PO₄ prepared with ultrapure water, and 0.2 µm filtered.
- Usage:** The working concentration is 1X. Prepare 1L PBS Buffer (1X) by mixing 100ml of the 10x concentrated buffer with 900ml of sterile ddH₂O, under sterile conditions. A 1X PBS buffer consists of 137mM NaCl, 2.7mM KCl, 10mM Na₂HPO₄ and 2mM KH₂PO₄ at pH 7.4±0.1.
- Applications:** Commonly used Buffer for a large variety of applications in molecular biology.
- Contents:** #GS11.0110 contains 1L of a 10x concentrated sterile solution of PBS
- Storage:** PBS Buffer (10X) should be stored at room temperature and is stable for up to one and half years.