

**PBS (20X), sterile**  
**(Phosphate Buffered Saline, 20x concentrated)**

#GS10.0120 (1L)  
(FOR RESEARCH ONLY)



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- Product:** PBS (20X) is an aqueous solution of 2.74M NaCl, 54mM KCl, 0.2M Na<sub>2</sub>HPO<sub>4</sub> and 40mM KH<sub>2</sub>PO<sub>4</sub> prepared with ultrapure water, and 0.2 µm filtered.
- Usage:** The working concentration is 1X. Prepare 1L PBS Buffer (1X) by mixing 50ml of the 20x concentrated buffer with 950ml of ddH<sub>2</sub>O. A 1X PBS buffer consists of 137mM NaCl, 2.7mM KCl, 10mM Na<sub>2</sub>HPO<sub>4</sub> and 2mM KH<sub>2</sub>PO<sub>4</sub> at pH 7.4±0.1.
- Applications:** Commonly used Buffer for a large variety of applications in molecular biology.
- Contents:** #GS10.0120 contains 1L of a 20x concentrated solution of PBS
- Storage:** PBS Buffer (20X) should be stored at room temperature and is stable for up to one and half years.