

TBS (10X), sterile
(Tris Buffered Saline, 10x concentrated)#GS13.0110 (1L)
(FOR RESEARCH ONLY)

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- Product:** TBS (10X) is an aqueous solution of Tris and Sodium Chloride, prepared with ultrapure water and sterilized.
- Usage:** The working concentration is 1X. Prepare 1L TBS Buffer (1X) by mixing 100ml of the 10x concentrated buffer with 900ml of sterile ddH₂O. Sterilize by filtering the solution through a 0.2 µm filter into a sterile flask. A 1X TBS buffer consists of 20mM Tris and 150mM NaCl and has a final pH of 7.4 ± 0.2 (25°C). It may need slight pH adjustments depending on the application.
- Applications:** Commonly used Buffer for a large variety of applications in molecular biology, such as in Western Blotting and ELISA procedures.
- Contents:** #GS13.0110 contains 1L of a 10x concentrated sterile solution of TBS
- Storage:** TBS Buffer (10X) should be stored at room temperature and is stable for up to two years.