

TBS Buffer, Lyophilized powder

Cat #: C-BSM17210

Size: 1L/pouch*50

Storage: Store at room temperature for 3 years



Product Introduction

TBS is a white to off-white instant soluble powder. Each packet of TBS instant powder can be reconstituted with 1 liter of 1× TBS buffer, offering a straightforward and convenient operation. The main components of TBS include sodium chloride, potassium chloride, and Tris buffer salt. In 1× TBS buffer, the concentration of sodium chloride is 137 mM, potassium chloride is 2.7 mM, and Tris buffer salt is 25 mM.

TBS is an isotonic buffer solution commonly used in the field of biology, primarily employed in IHC, in situ hybridization, ELISA, and WB experiments. It is frequently utilized as a washing buffer and for antibody dilution and blocking solution preparation.

Components

- NaCl : 137 mM
- KCl : 2.7 mM
- Tris : 25 mM

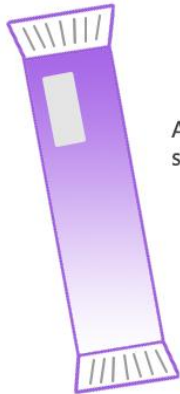
Instructions for use:

1. Measure approximately 600 ml of distilled water and add it to a beaker. Place a magnetic stir bar in the beaker.
2. Position the beaker on a magnetic stirrer and gradually add the entire content of 1 packet of TBS powder. Stir the solution until it is completely dissolved.
3. Add distilled water to the TBS solution from step 2, bringing it to a final volume of 1 liter, referred to as 1× TBS.

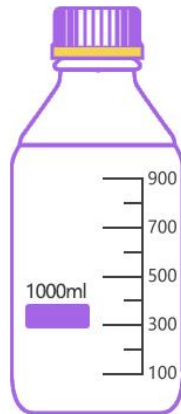
* Upon reconstitution, the pH of the 1× solution is 7.4±0.15 at a temperature of 25°C

Illustration for reconstitution:

1 Pouch of lyophilized powder



1 L
1 x Buffer



Add water and stir to volume

