

TBS-T Buffer, Lyophilized powder

Cat #: C-BSM17209

Size: 1L/pouch*50

Storage: Store at room temperature for 3 years



Product Introduction

TBS-T (TBST, TTBS) is a white to off-white instant soluble powder. Each packet of TBS-T instant powder can be reconstituted with 1 liter of 1× TBS-T buffer, offering a straightforward and convenient operation. The main components of TBS-T include sodium chloride, potassium chloride, Tris buffer salt, and Tween-20. In 1× TBS-T buffer, the concentration of sodium chloride is 137 mM, potassium chloride is 2.7 mM, Tris buffer salt is 25 mM, and the content of Tween-20 is 0.05%.

TBS-T is a widely applied buffer in the field of biology, primarily used in IHC, in situ hybridization, ELISA, and Western blot experiments. It is commonly used as a washing buffer and for antibody dilution and blocking solution preparation.

Components

- NaCl : 137 mM
- KCl : 2.7 mM
- Tris : 25 mM
- Tween-20 : 0.05%

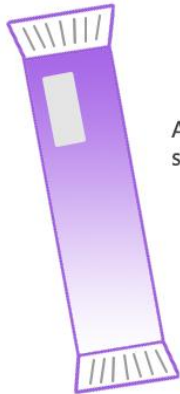
Instructions for use:

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-T powder. Stir the solution until it is completely dissolved.
3. Add distilled water to the TBS-T solution from step 2, bringing it to a final volume of 1 liter, referred to as 1× TBS-T.

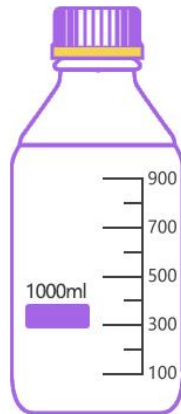
* Upon reconstitution, the pH of the 1× solution is 7.4±0.15 at a temperature of 25°C

Illustration for reconstitution:

1 Pouch of lyophilized powder



1 L
1 x Buffer



Add water and stir to volume

