

PBS-T Buffer, Lyophilized powder

Cat #: C-BSM17207

Size: 1L/pouch*50

Storage: Store at room temperature for 3 years



Product Introduction

PBS-T (PBST) is a white to off-white soluble powder. Each packet of PBS-T instant granules can be reconstituted with 1 liter of 1× PBS-T buffer, offering a straightforward and convenient operation. The primary components of PBS-T include sodium chloride, potassium chloride, phosphate, and Tween-20. The concentration of sodium chloride in 1× PBS-T buffer is 137 mM, potassium chloride is 2.7 mM, phosphate is 10 mM, and the content of Tween-20 is 0.05%.

PBS-T buffer contains a non-ionic blocking detergent, Tween-20, which is widely used in immunoassay experiments such as ELISA and WB. It serves as a washing buffer and is commonly used for antibody dilution and blocking solution preparation.

Components

- NaCl : 137 mM
- KCl : 2.7 mM
- Phosphate : 10 mM
- Tween-20 : 0.05%

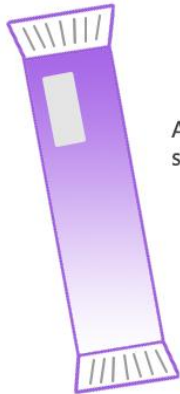
Instructions for use:

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

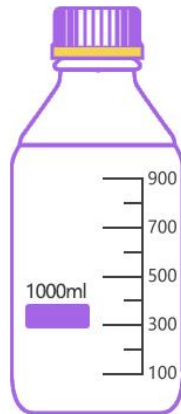
* Upon reconstitution, the pH of the 1× solution is 7.4±0.2 at a temperature of 25°C

Illustration for reconstitution:

1 Pouch of lyophilized powder



1 L
1 x Buffer



Add water and stir to volume

