

Instant TBS-T Buffer

Catalog Number: EXBR041



info@exreprotein.com

For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

Product Description

Instant TBS-T Buffer simplifies preparation of Tris-Buffered Saline-Tween 20 (TBS-T) buffer with easy to dissolve powder granules to prepare a 1 Liter, 1X working solution. It does not require additional calculations or pH adjustments to help reduce errors and maintain consistent buffer preparation.

The 1X solution is 137 mM NaCl, 2.7 mM KCl, 25 mM Tris, and 0.05% Tween-20 (pH 7.4±0.2 at 25°C). TBS-T is used in a wide variety of applications such as immunohistochemistry (IHC), *in situ* hybridization (ISH), ELISA and Western blot where it may be used for antibody dilution, wash buffer, or preparation of blocking buffer.

Available sizes: 20 Pack or 100 Pack.

Limitations

- For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

Precautions

- Always wear appropriate protective clothing and follow safe laboratory procedures.

Storage

Store unopened packs at 10-30°C for up to 36 months.

Preparation of Reagents

1. Transfer instant powder granules from 1 packet of Instant TBS-T Buffer to a beaker.
2. Pre-dissolve the granules by slowly adding 500 mL distilled or deionized water to the beaker, allowing the 1-5 minutes for the granules to completely dissolve while gently stirring with a stirring rod or magnetic stir bar.
3. Transfer the dissolved solution to a volumetric flask and bring up the volume to 1000 mL by adding distilled or deionized water, which is a 1X working solution.