

DATA SHEET

Version: 2

Revision date: 17/02/2023

1. Identification

Product name	Tris Buffered Saline (TBS), pH 7.6 4L (8 tablets)
Cat. No	BR0040

2. Description

Tris buffered saline (TBS) is a buffer to maintain the pH without large variations. TBS is isotonic and nontoxic to cells thereby emulating the physiological conditions. It is used to dilute sample and wash buffer in immunoassays as ELISA or immunohistochemistry when the background is high. In Western blot is used for diluting phosphatase or peroxidase-conjugated antibodies.

3. Specifications

Chemicals: Analytical grade.
Format: Exactly pre-weighed tablets
Composition: 0.050 M Tris-HCl, 0.15 M KCl
pH: 7.6 ± 0.2 at 25 °C

4. Shipping and Storage specifications

The TBS buffer is shipped at room temperature. Store the product in a dry place at room temperature

5. Applications

- Used to dilute substances.
- Wash buffer in ELISA.
- Used to dilute phosphatase and peroxidase-conjugated antibodies in Western blot.
- Used to immunohistochemistry staining, to clean the background.
- Wash buffer *in situ* hybridization.

6. Directions for use

Dissolve one tablet in 500 ml of water. Stir until complete dissolution

7. Further information

Product Use Limitation	This product is developed, designed, and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.
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