

DATA SHEET

Version: 2
Revision date: 17/02/2023

1. Identification

Product name	Phosphate Buffered with Tween™ 20, pH 7.4 4L (8 tablets)
Cat. No	BR0005

2. Description

Phosphate-buffered Saline with Tween™-20 (PBS-T) is a water-based salt solution ideal for use in sample preparation and as a wash buffer in general immunoassay applications. It contains Tween 20, a non-ionic detergent additive that reduces non-specific binding and protein-protein interaction during the wash step in protein and immunoassay procedures such as ELISA and Western blotting. Decreasing the non-specific binding and staining makes ELISA results and blots easier to interpret.

3. Specifications

Chemicals: Analytical grade.

Format: Exactly pre-weighed tablets.

Composition: 0.01M phosphate buffered saline, 0.14 M NaCl, 0.0027 M KCl, and 0.05% Tween 20
pH 7.4 ± 0.2 at 25°C

4. Shipping and Storage specifications

PBS-T buffer is shipped at room temperature. Store the product in a dry place at room temperature.

5. Applications

- Wash buffer in immunolabelling techniques, such as ELISA and Western blotting.
- ELISA and Western blotting.
- Blocking buffer for plate-based assays.
- Protein-plate coating.

6. Directions for use

Dissolve one tablet in 500mL of water.

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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