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DATA SHEET

Version: 3
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1. Identification

Product name **TBS with Tween™ 20 (pH 7.4) (20X), Sterile**

Cat. No

BR041-L	1L (20x)
BR043	1 L (1x)
BR044	5 L (1x)

2. Description

Tris Buffered Saline withTween™20 (TBS-T) is the most commonly used wash buffers or blocking buffer used for applications such as Western blot and ELISA assays. TBST is an optimal formulation of pH stabilizers, salts and detergents designed to remove excess material, decreasing non-specific background staining. It is preferably used with alkaline phosphatase or peroxidase-conjugated antibodies.

3. Specifications

Format: Liquid.
Composition (1X): 0.15 M NaCl, 0.050 M Tril-HCl, 0.05% Tween™ 20
Direction of use (1x): Ready-to-use solution; **(20X):** Dilute 20x solutions 20:1 to make a 1x working solution.
Sterilization: purified using a 0.22 µm filtration process [aseptically filled]

The pH should be 7.4 ± 0.2 at 25°C.

- ✓ The pH of the solution may require slight adjustment.
- ✓ Adjust pH with 1N HCl (if pH is high) or 1N NaOH (if pH is low).

4. Shipping and Storage specifications

20X TBS-T buffer is shipped at room temperature. Store the product in a dry place at room temperature. The salts in 20x solution are at a very high concentration. It has been found that at temperatures below 10°C, the salts fall out of solution. If this occurs during your shipment conditions, please stir the product to get the salts back into solution.

5. Applications

- Washing nitrocellulose membrane in Western blot and microtiter plate wells in ELISA assays
- Blocking buffer for plate-based assays

6. Quality

Manufactured in an **ISO 13485:2016 and GMP-certified facility**, located in Boecillo, Valladolid (Spain), under ISO9001:2016 procedures to ensure the highest quality standards.

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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