

DATA SHEET

Version: 3
Revision date: 02/06/2025

1. Identification

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

Cat. No	BR0008	1 L (1X)
	BR0360	5 L (1X)
	BR0365	20 L (1X)
	BR0370	20 L (10X)

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

Format: Liquid**Composition (1X):** 0.01 M PBS, 0.138 M NaCl, 0.0027 M KCl and 0.05% Tween™ 20**Direction of use (1X):** Ready-to-use solution; **(10X):** Dilute 10x solutions 10:1 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

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
- Blocking buffer for plate-based assays (it may required additional items).
- Protein-plate coating

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.
-------------------------------	---

Disclaimer	The information provided in this Data Sheet is correct to the best of our knowledge and belief at the date of publication. This information is intended only as a guide and should not be taken as a warranty or quality specification. Canvax Reagents S.L.U. shall not be held liable for any damage resulting from handling or from contact with the above product.
-------------------	--

