

# Data sheet

## Phosphate Buffered Saline with Tween™ 20 , pH 7.4

Cat. No: BR005 → 8L (8 Tablets, 1000 ml/Tablet);  
Cat. No: BR006 → 2x8L (16 Tablets, 1000 ml/Tablet);  
Cat. No: BR007 → 50L (50 Tablets, 1000 ml/Tablet);  
Cat. No: BR092 → 100L (100 Tablets, 1000 ml/Tablet);

### Introduction

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.

### Applications

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

### Specifications

Chemicals: Analytical grade.  
Format: Exactly pre-weighed tablets.

***Bulk quantities available! Contact us.***

### Shipping and storage

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

### Directions for use

Dissolve one tablet in 1L of water. Formulation per liter is 0.01M phosphate buffered saline, 0.138 M NaCl, 0.0027 M KCl, and 0.05% Tween 20, pH 7.4 at 25°C.

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# Data sheet

## Phosphate Buffered Saline with Tween™ 20 , pH 7.4

Cat. No: BR008 (1L , 1x solution)

Cat. No: BR010 (1L , 10x solution)

### Introduction

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.

### Applications

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

### Specifications

Chemicals: Analytical grade.

Format: solution.

### Shipping and storage

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

### Directions for use

1x Solution: Ready to use.

10x Solution: Dilute 10:1 to make a 1x working solution. Formulation per liter is 0.01M phosphate buffered saline, 0.138 M NaCl, 0.0027 M KCl, and 0.05% Tween 20, pH 7.4 at 25°C.

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