

Data sheet

20X Phosphate Buffered Saline with Tween™ 20, pH 7.6 (PBS-T)

Cat. No: BR02XL → 1000 ml

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 nonionic 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

Format: Liquid, 20x concentrated

Constituents: 20X PBS, with 1% Tween-20, pH 7.6

Volume: 1000 mL

Shipping and storage

20X PBS-T buffer is shipped at room temperature. Store the product in a dry place at room temperature. In order to provide this product at 20x, the salts in 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.

Directions for use

Dilute Phosphate Buffered Saline with Tween® 20 (PBST - 20X) to a 1X solution using ddH₂O. This product supplies enough 20X material to make 20 litres of 1X solution.

Formulation per litre contains 200 mM sodium phosphate dibasic, 40 mM potassium phosphate monobasic, 54 mM KCl, 2.75 M NaCl, and 1% Tween 20. Buffer has a pH value at 7.6 ± 0.1 at 25°C.

PRODUCT USE LIMITATION

This product is developed, designed and sold exclusively for research purposes and in vitro use only. Please refer to www.canvaxbiotech.com for Material Safety Data Sheet of the product.

Distributed by:

Lab Unlimited
CARL STUART GROUP

Tallaght Business Park
Whitestown, Dublin 24,
Ireland
D24 RFK3

Tel: (01) 4523432
Fax: (01) 4523967
E-mail: info@labunlimited.com
Web: www.labunlimited.com

Quatro House, Frimley Road,
Camberley,
United Kingdom
GU16 7ER

Tel: 08452 30 40 30
Fax: 08452 30 50 30
E-mail: info@labunlimited.co.uk
Web: www.labunlimited.co.uk

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Tallaght Business Park
Whitestown, Dublin 24,
Ireland
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Tel: (01) 4523432

Fax: (01) 4523967

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Web: www.labunlimited.com

Quatro House, Frimley Road,
Camberley,
United Kingdom
GU16 7ER

Tel: 08452 30 40 30

Fax: 08452 30 50 30

E-mail: info@labunlimited.co.uk

Web: www.labunlimited.co.uk