

Phosphate Buffered Saline with Tween-20, 1× PBST, Powder

Catalogue Information

Catalogue No.	Product Name	Pack Size
WS BL1684A	Phosphate Buffered Saline with Tween-20, 1× PBST, Powder	1 litre, 1 sachet
WS BL1684A-005	Phosphate Buffered Saline with Tween-20, 1× PBST, Powder	5 litre, 5 sachets
WS BL1684A-020	Phosphate Buffered Saline with Tween-20, 1× PBST, Powder	20 litre, 20 sachets

Product Description

Phosphate Buffered Saline with Tween-20 (PBST) is a commonly used buffer containing the non-ionic detergent Tween-20. It is extensively used in ELISA, Western blotting, and other immunoassay experiments as a washing buffer, antibody diluent, or blocking buffer base. The PBST (Instant Powder) is white to off-white, rapidly soluble, and convenient to use. The 1× PBST solution contains 137 mM NaCl, 2.7 mM KCl, 10 mM phosphate buffer, and 0.05% Tween-20.

Usage Instructions

1. Add approximately 600 mL of distilled water into a beaker.
2. Slowly add the entire contents of one pouch of PBST (Instant Powder) while stirring until fully dissolved.
3. Add distilled water to bring the total volume to 1 L to prepare 1× PBST.

Note: The pH of the 1× solution should be 7.4 ± 0.15 at 25°C.

Note:

1. For research use only by qualified personnel
2. Not for clinical, therapeutic, food, or pharmaceutical applications.
3. Wear laboratory coat and disposable gloves during handling

Storage Conditions

Store at room temperature.

Shelf life: 2 years

Notice

For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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