PRODUCT SPECIFICATION SHEET

1X PBS, pH 7.4 Solution with 0.05% Tween 20, 0.5% BSA

Catalog Number: P027-1000 **Size:** 1000 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X Phosphate-Buffered Saline (PBS), pH 7.4 formulated with 0.05% Tween-20 and 0.5% BSA is a pre-mixed, high-performance blocking and washing buffer designed for demanding immunoassays, including Western blotting, ELISA, and immunohistochemistry.

The combination of BSA as a blocking agent to reduce non-specific binding and Tween-20 as a gentle detergent ensures exceptionally clean background levels and robust signal-to-noise ratios. Supplied in a ready-to-use 1000 mL format to streamline laboratory workflows and guarantee lot-to-lot consistency.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	1X PBS buffer (pH 7.4) with 0.05% Tween-20 and 0.5% BSA, sterile filtered
pH	7.4 ± 0.1 at 25°C
Appearance	Clear to slightly opalescent liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Optimized for antibody dilution, blocking steps, and post-hybridization washing in sensitive protein detection assays.

Usage: Ready to use directly without manual preparation. Invert gently before use.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
P027-1000	1X PBS, pH 7.4 Solution with 0.05% Tween 20, 0.5% BSA	1000 mL