PRODUCT SPECIFICATION SHEET

1X PBS, pH 7.2 Solution with 0.05% Tween 20, 1% BSA

Catalog Number: P021-1000 **Size:** 1000 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X Phosphate-Buffered Saline (PBS), pH 7.2 supplemented with 0.05% Tween-20 and 1% Bovine Serum Albumin (BSA) is an optimized, ready-to-use blocking and washing buffer designed specifically for immunoassay applications such as ELISA, Western Blotting, and immunohistochemistry.

The incorporation of Tween-20 reduces non-specific hydrophobic protein-protein interactions and background staining, while 1% BSA acts as a highly effective blocking agent to saturate unoccupied binding sites. Supplied in a convenient 1000 mL format, this pre-mixed formulation guarantees exceptional experimental consistency and eliminates tedious preparation steps.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	1X PBS buffer (pH 7.2) containing 0.05% Tween-20 and 1% BSA, sterile filtered
pH	7.2 ± 0.1 at 25°C
Appearance	Clear to slightly opalescent liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Ideal for use as an antibody diluent, membrane blocking buffer, and assay washing solution in ELISA, Western blotting, and immunohistochemical protocols.

Usage: Ready to use directly out of the bottle. No dilution required. Invert gently before use to ensure homogeneous mixing of BSA and surfactant components.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
P021-1000	1X PBS, pH 7.2 Solution with 0.05% Tween 20, 1% BSA	1000 mL