PRODUCT SPECIFICATION SHEET

1X PBS, pH 7.4 Solution with 1% BSA

Catalog Number: P023-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X Phosphate-Buffered Saline (PBS), pH 7.4 supplemented with 1.0% Bovine Serum Albumin (BSA) is an advanced, ready-to-use blocking and antibody dilution buffer engineered specifically for highly sensitive immunoassay applications, including ELISA, Western Blotting, and immunohistochemistry.

The higher 1% concentration of ultra-pure BSA provides superior saturation of non-specific binding sites and offers enhanced protein stabilization during demanding experimental protocols. Supplied in a 500 mL laboratory format, this pre-mixed formulation guarantees exceptional experimental consistency and eliminates manual preparation errors.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	1X PBS buffer (pH 7.4) containing 1.0% 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 use as a high-performance primary/secondary antibody diluent, membrane blocking buffer, and assay washing solution in ELISA and Western blotting workflows.

Usage: Ready to use directly out of the bottle. No dilution required. Invert gently before use to ensure a homogeneous solution.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
P023-0500	1X PBS, pH 7.4 Solution with 1% BSA	500 mL