PRODUCT SPECIFICATION SHEET

1X PBS, pH 7.2 Solution with 0.5% BSA

Catalog Number: P022-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X Phosphate-Buffered Saline (PBS), pH 7.2 supplemented with 0.5% Bovine Serum Albumin (BSA) is an optimized, ready-to-use blocking and antibody diluent solution designed specifically for immunoassay applications such as ELISA, Western Blotting, and immunohistochemistry.

The incorporation of 0.5% BSA acts as an effective blocking agent to saturate unoccupied binding sites and stabilize proteins during sensitive detection assays. Supplied in a convenient 500 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 0.5% 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 components.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
P022-0500	1X PBS, pH 7.2 Solution with 0.5% BSA	500 mL