PRODUCT SPECIFICATION SHEET

1X RIPA Buffer

Catalog Number: R001-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 1X RIPA (Radioimmunoprecipitation Assay) Buffer is a highly effective, ready-to-use cell lysis and protein extraction buffer designed for both whole cell lysates and tissue extracts. It is widely used in applications such as Western blotting, immunoprecipitation, and protein assays.

Formulated with carefully balanced detergents and salts, this buffer efficiently lyses cells while preserving protein integrity and preventing protein degradation. Supplied in a convenient 500 mL packaging format to ensure reproducibility and save valuable preparation time.

2. Specifications

Concentration	1X (Ready-to-use)
Composition	50 mM Tris-HCl (pH 7.6), 150 mM NaCl, 1% Triton X-100, 1% Sodium deoxycholate, 0.1% SDS, 2 mM EDTA
pH	7.6 ± 0.1 at 25°C
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

Ideal for extracting proteins from cultured cells and tissues for downstream applications like Western blotting, reporter assays, and protein-protein interaction studies.

Usage: Ready to use directly. Add protease and phosphatase inhibitors immediately prior to use as required by specific experimental conditions.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
R001-0500	1X RIPA Buffer	500 mL