PRODUCT SPECIFICATION SHEET

Destain Solution

Catalog Number: D001-1000 **Size:** 1000 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK Destain Solution is a ready-to-use, optimized solvent mixture formulated specifically for the rapid removal of unbound background stain from polyacrylamide gels following protein visualization. Composed of a precise blend of 45% methanol and 10% glacial acetic acid, this solution effectively washes away excess dye, significantly enhancing the contrast and visibility of protein bands.

By utilizing a pre-mixed liquid formulation, it eliminates the need for handling concentrated and hazardous solvents in the laboratory, thereby saving valuable preparation time and ensuring highly reproducible destaining performance across all experiments.

2. Specifications

Composition	45% (v/v) Methanol, 10% (v/v) Glacial Acetic Acid, 45% (v/v) H_2O
Form	Liquid, ready-to-use
Appearance	Clear, colorless liquid
Storage Conditions	2–8°C (Refrigerated). Keep away from heat and open flames.

3. Recommended Applications & Usage

This solution is primarily designed for the rapid destaining of standard SDS-PAGE and native PAGE gels previously stained with traditional Coomassie Blue formulations, such as R-250.

Usage: Following the staining procedure, completely submerge the gel in a generous volume of Destain Solution. Agitate gently on an orbital shaker at room temperature. For optimal results, discard the used solution and replace it with fresh Destain Solution periodically (e.g., every 30–60 minutes) until the gel background is completely clear and the protein bands exhibit high contrast. To prevent gel shrinkage during long-term storage, transfer the gel to a weak acetic acid solution (e.g., 7%) or distilled water after complete destaining.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
D001-1000	Destain Solution	1000 mL