

TOOL Start Blue Staining Reagent

Cat. no. TTD-BS1L

Storage: 4 °C

Product Size: 1000 mL

Introduction

The TOOLStart Blue Staining Reagent is an enhanced protein stain based on Coomassie dye that offers unsurpassed sensitivity and rapid band visualization. The TOOLStart Blue Staining Reagent is rapid, sensitive, and odorless. TOOLS Coomassie Blue detects the proteins for as few as 50 ng, and the protein bands are visible in just 3–5 min, with maximal staining achieved in 2–3 h. The TOOLStart Blue Staining Reagent is supplied in a ready-to-use form that can be added directly to protein gels after electrophoresis without the need to wash, fix, or destain.

Features

1. No need to wash, fix, or destain.
2. No risk of overstaining.
3. Sensitive, approximately 50 ng BSA.
4. Time saving, developing the bands within 15 min.
5. Does not require ethanol, acetic acid, or any other toxic agents.
6. Effective with native PAGE, SDS-PAGE, isoelectric focusing, or 2D gels.

Protocol

1. After electrophoresis, add an adequate volume of TOOLStart Blue Staining Reagent (30–50 mL/mini gel) to immerse the gel.
2. Gently, shake the gel in the TOOLStart Blue Staining Reagent stain for 3–15 min. Protein bands will be visible within 15 min (3 mins in some conditions) and achieve maximum intensity within 2–3 h in most applications.

Note: A typical staining process requires at least 1 h incubation, but can cause protein destaining and sensitivity decrease when the process is insufficient.

3. Rinse the stained gel with a large volume of deionized water. Store the stained gel in deionized water.

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