

## PPLStart Blue Staining Reagent

Catalog No. TTD-BS1L

Storage: 4°C

Size: 1000 ml

### **Features:**

No need to wash, fix or de-stain.

No risk of over-staining.

Sensitive, ~50 ng BSA

Time saving, developing the bands within 15 minutes

Without the use of ethanol, acetic acid, or any other toxic agents

Effective with native PAGE, SDS-PAGE, isoelectric focusing, or 2D gels

### **Description**

PPLStart Blue Staining Reagent is an enhanced protein stain based on Coomassie dye that offers unsurpassed sensitivity and rapid band visualization. PPLStart Blue Staining Reagent is a 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 minutes, with maximal staining achieved in 2-3 hours. PPLStart Blue Staining Reagent is supplied in a ready-to-use form that is capable of being added directly to protein gels after electrophoresis without the need to wash, fix or de-stain.

### **Protocol**

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

**Note: A typically completed staining process requires at least 1h incubation, but also causes protein destaining and sensitivity decreasing when the process is insufficient.**

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

**The product is for research only, not for diagnostic and clinical use.**