



Cyrusbioscience

---

## ***StrongBlue*** **fast and high-sensitivity protein stain reagent**

**Product No.:** 2526

**Package:** 250mL, 500mL, 500mLx2

**Storage:** Store at room temperature. DO NOT refrigerate or freeze.

### **Description:**

***StrongBlue fast and high-sensitivity protein stain reagent*** is a unique, ready-to-use colorimetric stain formulated with coomassie dye G-250 that delivers fast and sensitive total protein staining performance for low nanogram-level detection of proteins in polyacrylamide electrophoresis gels.

***StrongBlue*** is a coomassie dye reagent for detection of protein bands in sodium dodecyl sulfate polyacrylamide gel electrophoresis (SDS-PAGE) and 2D gels. The stain is a unique formulation of coomassie brilliant blue G-250 that delivers substantial improvements in protein-staining performance compared to homemade or other commercial stains. Staining results in intensely colored protein bands that are easy to photograph and document with gel imagers. This reagent is one of the most sensitive colorimetric stains available, easily detecting 5 nanograms of protein per band. The ***StrongBlue*** protocol uses simple ethanol or water-wash steps rather than methanol/acetic acid fixation and destaining, which saves valuable preparation time and minimizes reagent costs.

### **Features:**

- ready-to-use reagent detects protein band in just 20 minutes
- highly consistent, reproducible protein staining technique
- detects less than 6ng protein per band
- 1-year room-temperature stability ensures consistent performance and saves refrigerator space

### **Procedue:**

1. After running SDS-PAGE gel, wash the gel with deionized water by shaker (10 min.).
2. Add ***StrongBlue*** on gel, overwhelming the gel. Shake it for 10 min~40 min.
3. Destain by 75% ethanol (only rinse, not over 1 min) and water(15min~overnight).