

## BlueStain Sensitive Plus

Cat. No.	size
E0297-01	1 l

### Storage Conditions:

The stain is stable for 6 months when stored at room temperature in the dark.

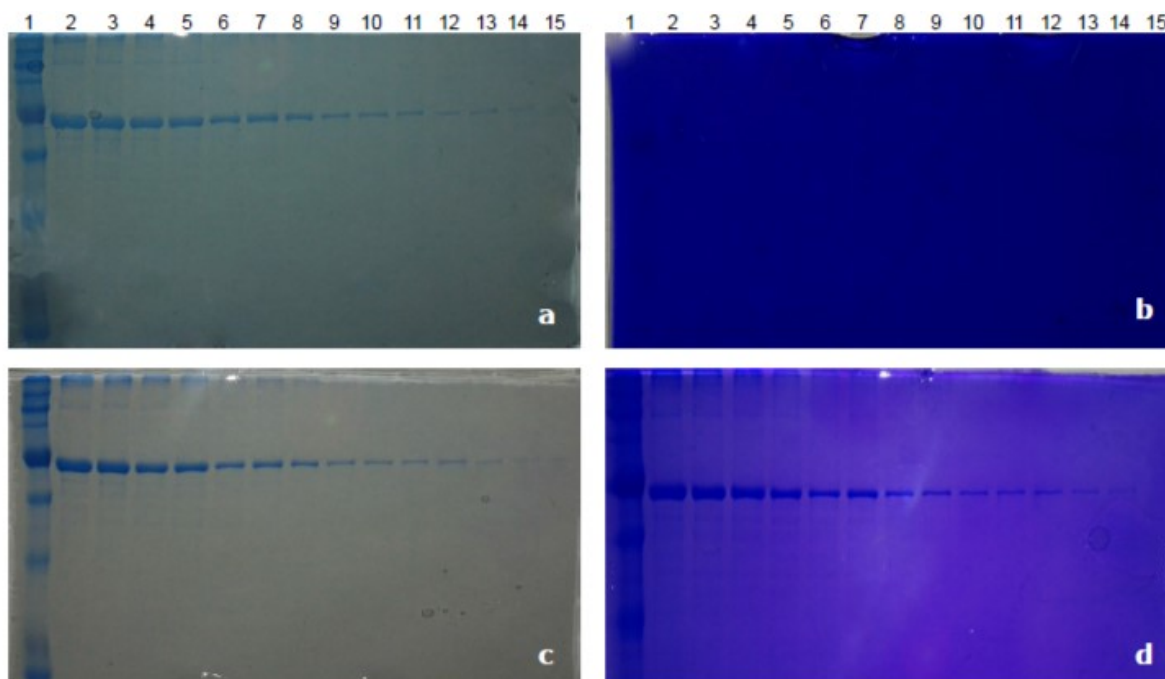
**BlueStain Sensitive Plus is a ready-to-use stain, designed for fast and safe proteins staining.** The reagent is free of methanol and acetic acid. It does not release hazardous fumes during handling and heating. Protein bands appear dark blue in color. BlueStain Sensitive Plus detects as little as 20 ng of protein within a few minutes.

Proteins stained using the BlueStain Sensitive Plus are compatible with mass spectrometry analysis.

### Protocol:

1. Perform the protein gel electrophoresis according to your laboratory procedure.
2. Place the gel in a box and add 100-200 ml of redistilled or deionized water. Heat until boiled in the microwave oven and leave it for 5 min. This washing step is essential for proper bands development.
3. Discard the water then add 20–50 ml of BlueStain Sensitive Plus (**Shake before use!**) and heat until boiled in the microwave oven. Bands begin to develop within minutes.
4. Leave the gel in the BlueStain Sensitive Plus for 5 minutes.\*
5. Discard the stain and wash the gel with redistilled or deionized water. If necessary, the slightly blue background may be destained by prolonged water washing of the gel on a shaker. The gel can be left in the water for several days without loss of sensitivity.

*\*this step can be prolonged if necessary*



12% SDS-PAGE five minutes after staining with (a) BlueStain Sensitive Plus, (b) traditional Coomassie stain; and 2 h after staining with (c) BlueStain Sensitive, (d) traditional Coomassie stain.

Lane 1: Perfect™ Color Protein Ladder; Lanes 2-15: BSA at the following concentration: 1000, 900, 700, 550, 450, 300, 200, 100, 85, 65, 55, 45, 35 and 20 ng.

This product is developed, designed and sold exclusively for research purposes and in vitro use only.

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