

## Coomassie Brilliant Blue Fast Staining Solution (Non-Dehydration)

**Catalog #:** RA10057

### Product Overview

This product is a Coomassie Brilliant Blue staining solution that can stain instantly at room temperature without destaining, and is non-toxic and pollution-free. It is suitable for rapid staining of proteins in various denatured and non-denatured gels, and can also be used to detect protein residues on gels after Western spectroscopy transfer. Protein bands can be observed in just 2 minutes. It contains no irritating reagents such as methanol or acetic acid, and has extremely low background. Rinsing with pure water can further reduce the background without the need for toxic destaining solutions.

### Product Specifications

Product Name	Storage	Size 1	Size 2
Coomassie Brilliant Blue Fast Staining Solution (Non-Dehydration)	2-8°C	100mL	500mL

Store at 2-8 °C . Shelf life is 1 year.

### Features

**Simple operation:** staining can be performed directly at room temperature after electrophoresis, without heating or destaining;

**Rapid staining:** Color develops in just 2 minutes ;

**Environmentally friendly and non-toxic:** non-toxic and odorless;

**High sensitivity:** can stain protein bands as low as 5 ng.

### Instructions for use

- 1、 After electrophoresis, rinse the gel in pure water 2-3 times to remove impurities;
- 2、 Discard the pure water, add an appropriate amount of this product ( 20-30mL ) to submerge the gel, stain on a shaker at room temperature, and protein bands can be observed after 1-2 minutes. It is recommended to stain for more than 10 minutes. If the protein content is low, the staining time can be extended to overnight .
- 3、 After staining, discard the staining solution, rinse with pure water to remove any residual staining solution, and then observe the results.  
( To further reduce the background, rinse with pure water 3-5 times, 5 minutes each time . )

### Precautions

1. If the bands are not obvious after staining, it is recommended to extend the staining time;

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2. Rinse the gel with heated pure water before staining to further remove residual SDS , which is more conducive to protein staining ;
  3. This product can be reused twice . Please increase the dyeing time when reusing .
  4. This product is for research use only .