



## Coomassie Blue Staining Solution

### Introduction:

Coomassie Blue Staining Solution is use Coomassie Blue G250 as dye, it can be used for routine dyeing of SDS-PAGE or non-denaturing PAGE gel, or for detection of residual proteins on PAGE gel after Western transmembrane.

### Contents:

Cat No.: BD0068

10\*PBS Rinse Buffer 1L

### Procedure:

After electrophoresis, gel was added into the Coomassie brilliant blue staining solution to ensure that the dye solution could cover the gel. Slowly shake in horizontal or lateral shaking bed, dyeing at room temperature for 1 hour or longer.

Note: the specific dyeing time depends on the thickness of the gel and the temperature during dyeing. When the gel is thicker and the temperature is lower, the dyeing time should be extended properly. When the gel is thinner and the temperature is higher, the dyeing time can be shortened. Usually, the color of the gel is very close to that of the dye solution. When it is almost invisible in the dye solution, it can be thought that it has been stained adequately. Dyeing for 2-4 hours or longer will not have a negative impact on the final dyeing effect. Pour out the staining solution. The dye solution can be recycled and reused at least 2-3 times.

### Attention:

Prepare your own decolorizing solution.

A gunhead box or a Petri dish of appropriate size can be used as a container for dyeing and decoloring.

The dyeing solution is acidic and slightly corrosive. Please take necessary protection when using it.

The product is limited to the scientific research of professionals. It can not be used for clinical diagnosis or treatment. It can not be used for food or medicine. It can not be stored in ordinary houses.

For your safety and health, please wear test clothes and disposable gloves.

### Storage & Shelf life:

Store at room temperature, valid at least one year.

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