

Product Information

Coomassie Blue Staining Solution (Not Required Decolorizing)

Catalog Number: K8006

Product Size: 500 mL

Storage

Store at room temperature, Expiration date marked on the outer packing.

Description

This product is a protein dye solution that can dye proteins instantly at room temperature without decolorization, and is non-toxic and non-irritating. It is suitable for staining various denaturing and non-denaturing protein gels, and can also be used for staining residual protein on PAGE gel after Western transfer membrane, which can save a lot of time and speed up the experiment process.

Protocol

1. Remove the PAGE gel after electrophoresis and put it in a plastic container, add an appropriate amount of staining solution surpassing the PAGE gel. According to the size of the container, it is usually about 30-50 mL
2. Place it on a shaker. The band began to appear after 1 to 2

minutes. The dyed bands will deepen over time. Normal dyeing time can be from 30 min to overnight. Basically no background color with increasing dyeing time. The dye solution can be reused 3 times. As the number of using increases, the dyeing speed is slightly reduced, but it does not affect the sensitivity.

3. After staining, the protein gel is stored in water and taken out to take pictures. Due to the different isoelectric point of the protein, the adhesion ability of the dye is different. It is recommended to dye for 2 h or overnight, then put the gel in the water is more effective.

Notes

1. This staining solution is acidic and slightly corrosive. For your safety and health, Please wear lab coat and disposable gloves for operation.
2. If the thickness of the glue exceeds 1 mm, please add more dye solution and extend the dyeing time.

