



## Coomassie Protein Staining Solution

(Cat. No.: S1GNM01g10001)

### Description:

The Coomassie Protein Staining Solution is employed in staining SDS-PAGE gels and integrates advanced nano-technology. This upgraded formula enables faster protein detection, greater sensitivity, and eliminates the need for destaining and washing steps. It is deemed safe and environmentally friendly due to the absence of hazardous substances like methanol and acetic acid. Moreover, the Coomassie Protein Staining Solution is compatible with mass spectrophotometry.

### Kit Contents:

Contents	S1GNM01g10001
Protein staining solution	500ml x 1

### Storage:

This product is stable at 25°C for 24 months.

### Notes:

1. Excessive staining is not a risk; rather, superior visibility is achieved when the gels are submerged overnight.
2. If the gel is thicker than 1 mm, it will require a longer incubation time.
3. The solution may contain blue clumps, which are normal and can be easily dissolved in distilled water.

**Protocol:**

1. Before using the Coomassie Protein Staining Solution, gently invert the bottle several times.
2. After completing SDS-PAGE, remove the gel from the cassette and immerse it in a sufficient amount of Coomassie Protein Staining Solution, ensuring the gel is fully covered. Gently agitate the staining box for 10 to 30 minutes at room temperature.
3. There is no requirement for washing or destaining. Please carefully remove the staining solution and rinse off any excess dye with water.
4. Image the gel.

© **Revision History** ©

Description	Version	Date
Initial Release	S1GNM01g10001_Protocol_V1	Dec 2023