

## Ponceau S Protein Staining Solution

14 MAY 2025

Catalog Number	Size	Concentration
PS003-B500ML	500 mL	1X

### Storage Conditions

Stable for up to 24 months at 25°C.

### Description

Ponceaus S Protein Staining Solution is a ready-to-use membrane stain for evaluating the transfer efficiency of a western blot. This stain is recommended for rapid and reversible protein staining on nitrocellulose or PVDF membranes. Ponceau S Protein staining is reversible and can be removed with a short incubation in 0.1% NaOH.

### Kit Content(s)

Ponceau S Protein Staining Solution	500 mL x 1
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### Required materials but not provided

Container for membrane staining.

Shaker: orbital or rocking shaker.

### Reaction Setup

1. After the SDS-PAGE Gel has been transferred to a nitrocellulose or PVDF membrane, place the transferred membrane in a staining container.
2. Submerge the membrane in a proper amount of Ponceau S Protein Staining Solution that is enough to cover the whole membrane. Lightly agitate the staining container for 5 to 15 minutes at room temperature. Protein bands will be stained and start becoming visible in 5 to 15 minutes.
3. Wash away the excessive stain on the membrane with DI water until the protein bands are clear.
4. For the further membrane blocking step, remove the Ponceau S Staining Solution from the membrane by placing the membrane in 20 ml 0.1% NaOH for 1 to 2 minutes then rinse in DI water for 1 to 2 minutes.

### Important notes

1. The Ponceau S Protein Staining Solution is provided as a ready-to-use solution, there is no need to dilute before use.