

MQ Ponceau S Protein Staining Solution (10X)

Cat No: PPS-M-10X-500

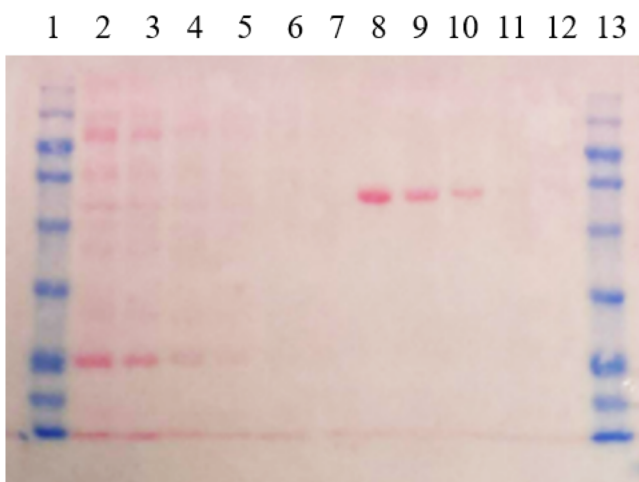
Size: 500ml

Stored at 18-25°C

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Description

MQ Ponceaus S Staining Solution, 10X concentrate is a 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 staining is reversible and can be removed with a short incubation in 0.1% NaOH.



Ponceau S solution can be used to evaluate for total protein amount or transfer efficiency on nitrocellulose and PVDF membrane. The PVDF membrane stained Ponceau S for 5 mins and washed with ddH₂O for 3 mins. It provides visible pink bands.

Lane 1, 13: Prestained MQ Protein Ladder

Lane 2-7: 2X Dilutions of Unstained Protein Ladder

Lane 8-12: 2000, 1000, 500, 100, 50 ng of BSA

Required materials but not provided

- Container: box for gel staining
- Shaker: orbital or rocking shaker

Reagent Dilution

1. Prepare a 5L amber bottle.
2. Unpack PPS-M-10X-500 and pour the liquid content into the bottle.
3. Rinse residual reagent in the original bottle with deionized water.
4. Add deionized water until the volume reaches 5L.

Reaction Setup

1. Staining Solution. Make 10X concentrate MQ Ponceau S Protein Staining Solution into 1X concentrate MQ Ponceau S Protein.
2. After the SDS-PAGE Gel has been transferred to a nitrocellulose or PVDF membrane, place the transferred membrane in a staining container.
3. Submerge the membrane in a proper amount of 1X MQ 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.
4. Wash away the excessive stain on the membrane with deionized water until the protein bands are clear.
5. For the further membrane blocking step, remove the MQ 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 deionized water for 1 to 2 minutes.

For Laboratory Use Only

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