

# Ponceau Solution

*SP-04-001*

*500 mL*

# **BOCKit**

*A brand of*  **BioQuoChem**



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All chemicals should be handled with care



➤ This kit is for R&D use only

## *Introduction*

Ponceau S, is a fast and reversible dye for detecting protein bands in Western Blot membranes and can be used in membranes of PVDF, nitrocellulose and cellulose acetate. Ponceau S is a negative dye that binds to the amino acids of the protein that are positively charged.

The detection limit is 100 ng BSA per band transferred on nitrocellulose membranes.

## Materials

BQCKit Ponceau Solution *SP-04-001* contains:

Product	Quantity	Storage
Ponceau Solution Reagent*	1 bottle of 500 mL	RT

\*Store at room temperature. This reagent is stable for 12 months. Do not dilute or aliquot.

## *Assay Principle*

Ponceau S is a negative dye, red colored stain that binds to the amino acids of the protein that are positively charged. The stain can be completely removed from the protein bands by continued washing.

Ponceau S Solution contains 0.1% Ponceau S (w/v) and 5% acetic acid.

The detection limit is 100 ng BSA per band transferred on nitrocellulose membranes.

# *Assay Protocol*

## Performing the assay

1. After the protein electrotransfer, rinse brief the membrane in ddH<sub>2</sub>O to eliminate any detergent that could disable the staining.
2. Incubate membrane in Ponceau S Staining Solution during 10 minutes at room temperature.
3. Perform the membrane washing in ddH<sub>2</sub>O until distinct red protein bands are visible (1-5 min).
4. For washing the membrane use 1X TBS-T few times during 5 minutes at room temperature until protein bands are not perceptible.
5. Proceed with blocking step of Western blot procedure.

## ***Warranties and Limitation of Liability***

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Said refund or replacement is conditioned on buyer giving written notice to Bioquochem within 30 days after arrival of the material at its destination.

Expiration date: 1 year from the date of delivery

For further details, please refer to our website [www.bqckit.com](http://www.bqckit.com)