

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 ddH₂O 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 ddH₂O 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

Bioquochem shall not in any event be liable for incidental, consequential or special damages of any kind resulting from any use or failure of the products, even if Bioquochem has been advised of the possibility of such damage including, without limitation, liability for loss of use, loss of work in progress, down time, loss of revenue or profits, failure to realize savings, loss of products of buyer or other use or any liability of buyer to a third party on account of such loss, or for any labor or any other expense, damage or loss occasioned by such product including personal injury or property damage is caused by Bioquochem's gross negligence. Any and all liability of Bioquochem hereunder shall be limited to the amounts paid by buyer for product.

Buyer's exclusive remedy and Bioquochem's sole liability hereunder shall be limited to a refund of the purchase price, or the replacement of all material that does not meet our specifications.

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