

Ponceau-S Stain

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
Ponceau-S Stain	ML045-250ML	250 ml

Introduction:

Ponceau-S Stain is a ready-to-use, reversible staining solution formulated for fast staining of protein bands on nitrocellulose or PVDF membranes during Western blotting procedure as well as cellulose acetate membranes. After staining the protein bands can be washed off with water and the membrane can be used for immunological detection.

Description:

Ponceau-S Stain binds non-covalently to non-polar regions of a protein. It is also called a negative stain as it binds to the positively charged amino groups of the protein. Ponceau-S Stain is used for the detection of protein bands on cellulose acetate, PVDF and nitrocellulose membranes but it is not suitable for use with nylon membranes. After the protein samples are electro transferred to PVDF or nitrocellulose membranes the staining procedure is carried out and the protein bands are detected with a clear background and red protein bands. This staining technique is completely reversible to allow further immunological detection.

Procedure:

After transferring proteins from SDS-PAGE onto membrane, immerse the membrane in sufficient Ponceau S Staining Solution and stain for 5-10 minutes. Rinse membrane with distilled water until the background is clear. Dry the membrane. Ponceau S staining on nitrocellulose and PVDF is reversible by water washes, facilitating subsequent immunological detection. The stain can be completely removed from the protein bands by continued washing.

Application:

Ponceau-S Stain is used for the detection of protein bands on cellulose acetate, PVDF and nitrocellulose membranes. As this staining can be erased of easily it is used for checking of protein bands electro transferred on membrane before proceeding for immunological detection during Western Blotting procedures.

This stain can only detect protein concentration of 250 nanograms or more as it is not a sensitive stain.

Composition:

Ponceau-S Stain contains 0.5% (w/v) Ponceau S in 1% (v/v) glacial acetic acid.

Properties:

- Appearance : Red colored solution
- Clarity : Clear and free of particles
- Suitability test : This solution has been tested and is suitable for use as staining protein bands on PVDF, nitrocellulose or cellulose acetate membrane.

Please refer disclaimer Overleaf.

Storage conditions:

Ponceau-S Stain has to be stored at 15-25^o C. Under recommended condition, the reagent is stable for 12 months.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

Performance and Evaluation

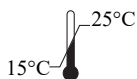
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The Ponceau-S Stain is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.



Storage temperature



Do not use if package is damaged



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