

Ponceau-S Fixative

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
Ponceau-S Fixative	ML052-250ML	250ml

Introduction:

Ponceau-S Fixative is a ready-to-use staining solution formulated for staining and fixing protein bands transferred on nitrocellulose, PVDF or cellulose acetate membranes. After staining the protein bands can be preserved for reference.

Description:

Ponceau S is a sodium salt of a diazo dye that is used to prepare a stain for detection of protein bands on nitrocellulose or PVDF membranes during Western blotting as well as on cellulose acetate membranes. Staining protein samples with Ponceau S is useful as it does not have a deleterious effect on the sequencing of blotted polypeptides and therefore used for locating polypeptides on Western blots for blot-sequencing. This staining method rapidly locates protein bands on Western blots but the sensitivity of Ponceau-S is lesser compared to Coomassie blue.

Procedure:

After transferring proteins from SDS-PAGE onto membrane, immerse the membrane in sufficient Ponceau-S Fixative and stain for 5-10 minutes. The protein bands appear as reddish pink stained bands. Rinse membrane with distilled water until the background is clear. Dry the membrane and preserve for reference.

Application:

Ponceau-S Fixative is used for the detection of protein bands on cellulose acetate, PVDF and nitrocellulose membranes. It is especially useful in preserving protein marker lanes on membranes when pre-stained markers are not used. The stain binds strongly to nylon based filter but is fine for nitrocellulose and PVDF membranes.

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

Composition:

Ponceau-S Fixative contains 2% (w/v) Ponceau S in 30% TCA and 30% sulfosalicylic acid.

Properties:

Appearance	:	Red colored solution
Clarity	:	Clear and free of particles
Suitability test on membrane	:	This solution has been tested and is suitable for use in protein staining

Please refer disclaimer Overleaf.

Storage conditions:

Ponceau-S Fixative 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

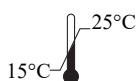
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The Ponceau-S Fixative 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



HiMedia Laboratories Private Limited,
Reg. Off: Plot No. C-40, Road No. 21Y,
MIDC, Wagle Industrial Area, Thane,
(West) 400604, Maharashtra, INDIA.
Web: www.himedialabs.com



02/2026

PIML052_0/022023

ML052-02

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

HiMedia Laboratories Pvt. Ltd. Reg.office : Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area, Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797 Tel: 00-91-22-6147 1919, 6903 4800 Email: techhelp@himedialabs.com Website: www.himedialabs.com