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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for MB-072-0500

Ponceau S Solution

Overview

Description:	Ponceau S Solution - MB-072-0500
Item No.:	MB-072-0500
Size:	500 mL
Applications:	WB

Product Details

Background:	Ponceau S Staining Solution is made using Ponceau S. Ponceau S is a sodium salt used for the detection of proteins on PVDF, and nitrocellulose membranes. Staining of blot transfer membranes permits visualization of proteins and allows the extent of transfer to be monitored. Ponceau S binds rapidly and reversibly to the positively charged amino groups and binds non-covalently to non-polar regions in the protein. Ponceau S stain is designed for rapid (5 min) staining on nitrocellulose or PVDF membranes and also for staining protein on cellulose acetate membranes. Microgram quantities of transferred protein will be detected as red protein bands with a clear background. Ponceau S staining on nitrocellulose and PVDF is reversible by washing the stained membrane with dH ₂ O or blocking buffer, this allows further immunological detection.
Synonyms:	Staining, Western Blot membrane stains, PVDF stains, nitrocellulose stain, reversible membrane stain, cellulose acetate membrane stain

Target Details

Purity/Specificity:	Ponceau S Staining Solution contains Ponceau S in a specially formulated acetate buffer for optimal staining results. Ponceau S is a ready-to-use stain that can be used to quickly and reversibly stain proteins on blotting membranes after Western blot transfer. Staining of Nylon membranes is not recommended.
Relevant Links:	<ul style="list-style-type: none">MB-072 SDSPonceau S Staining Solution

Application Details

Tested Applications:	WB
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Application Note:	Store at room temperature. The product is at working concentration, no further dilution is necessary. The limit of detection for this stain is 200 nanograms of protein after separation by electrophoresis in polyacrylamide gels and transferred to nitrocellulose or PVDF membranes. Ponceau S is not suitable for use with nylon membranes.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	ready to use

Formulation

Physical State:	Liquid
Concentration:	1X
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at room temperature (20° to 26° C).
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Bottle
Ponceau S Solution

References

- Kim N et al. Shade represses photosynthetic genes by disrupting the DNA binding of GOLDEN2-LIKE1. *Plant Physiol.* (2023)
- Sander H et al. Ponceau S waste: Ponceau S staining for total protein normalization. *Anal Biochem.* (2019)

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.