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Datasheet for ABIN5706409

Ponceau S solution

Overview

Quantity:	500 mL
Application:	Western Blotting (WB)

Product Details

Purification: 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.

Application Details

Application Notes: 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.

Western Blot Dilution: ready to use

Comment: Synonyms: Staining, Western Blot membrane stains, PVDF stains, nitrocellulose stain, reversible membrane stain, cellulose acetate membrane stain

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

Application Details

bands with a clear background. Ponceau S staining on nitrocellulose and PVDF is reversible by washing the stained membrane with dH₂O or blocking buffer, this allows further immunological detection.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 X

Buffer: Stabilizer: None

Preservative: Without preservative

Storage: RT

Expiry Date: 6 months