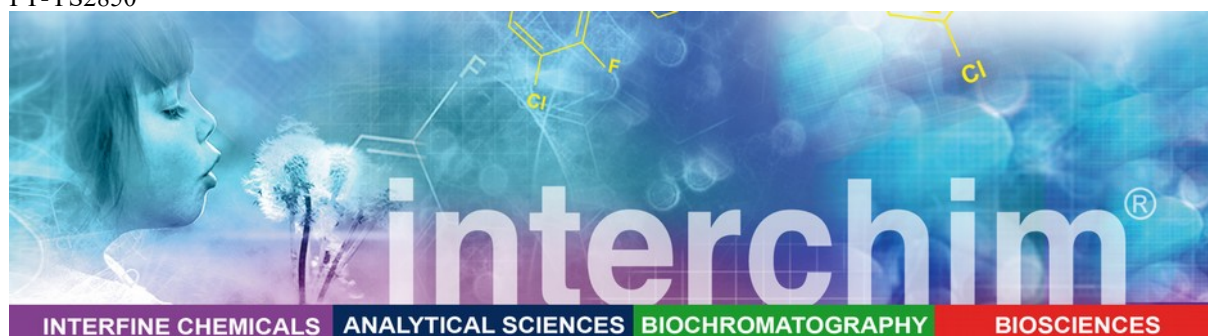


FT-YS2850



Ponceau S solution

Stain for the detection of proteins on PVDF and nitrocellulose membranes after Western blot transfer

Product Description

Name :	Ponceau S solution C.I. Acid Red 112
Catalog Number :	FP-YS2850 1 L
Contains :	0.1% Ponceau S (w/v) and 5% acetic acid.
Formula :	$C_{22}H_{12}N_4Na_4O_{13}S_4$
CAS :	6226-79-5
MW :	760,57
Absorbance :	520 nm

Storage: Store at room temperature or +4°C

Introduction

Ponceau S Solution is used for the detection of proteins on PVDF and nitrocellulose membranes. It is not recommended with nylon membranes. This staining is reversible to allow further immunological detection. The limit of detection for this stain is about 250 ng of transferred protein. Ponceau S is a negative stain which binds to the positively charged amino groups of the protein.

Directions for use

Guidelines for use

Typically, membranes are incubated for 5-10 min and rinsed in distilled water until the background is clean. The stain can be completely removed from protein bands by continued washing in water or buffer.

References

- **Albesa M. et al.**, Regulation of the cardiac sodium channel Nav1.5 by utrophin in dystrophin-deficient mice, *Cardiovasc Res*, 89: 320 - 328 (2011) [Abstract](#)
- **Ratajczak P. et al.**, Expression and localization of caveolins during postnatal development in rat heart: implication of thyroid hormone, *Journal of Applied Physiology* vol. 99 no. 1 244-251 (2005) [Article](#)
- **Roux I. et al.**, Myosin VI is required for the proper maturation and function of inner hair cell ribbon synapses, *Hum. Mol. Genet.* 18 (23): 4615-4628 (2009) [Article](#)

Technical and scientific information

Related / associated products and documents

See [Products Highlights](#), [BioSciences Innovations catalogue](#) and [e-search tool](#).

- BC Assay Protein Quantitation Kit, [UP40840A](#)
- CooBlueFX Instant Protein Gel Stain, [UPG4562A](#)

Ordering information

[Catalog size quantities and prices may be found at www.interchim.com/](#)

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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