Ponceau S
Reversible stain for the detection of proteins on PVDF and nitrocellulose membranes after Western blot transfer

Product Description

Name: Ponceau S
Acid Red 112
3-Hydroxy-4-{2-sulfo-4-(4-sulfophtynylazo)-phenylazo}-2,7-naphthalindisulfonic acid

Catalog Number:
- 050260, 25 g
- 050262, 100 g

Structure: C22H12N4Na4O13S4
CAS [6226-79-5]

Molecular Weight: 760.56 g/mol

Solubility:
- 0.5 mg/ml in ethanol and DMF
- 10 mg/ml in DMSO

Properties:
- min. 80%, lambda(max) (water): 517-523nm,
- loss on drying: max. 10%

Storage: Room temperature

Introduction

Ponceau S is used for reversible staining proteins blotted on nitrocellulose membrane and while running a TAU electrophoresis.

Directions for use

Guidelines for use

The reversibility of the staining process is ideally suited for subsequent immunoblots (western blot) or other colour reactions as Ponceau S can be completely removed. Ponceau S is not stable for long time, thus proteins and protein markers should be marked with a pencil. For staining the membrane is incubated in a 0.1% - 0.5% Ponceau S solution in 3% trichloracetic acid for 5 - 10 minutes. Destaining is done by incubating the stained membrane in 5% acetic acid for 15 minutes.

Technical and Scientific Information

References
- Ponceau S staining solution, Cold Spring Harb Protoc, pdb.rec10772 (2007) Recipe
Related products

- Ponceau S solution, YS2850
- Bromophenol Blue, 03985K
- CooBlue FX Single Step protein gel stain, 1B8100
- DAPI, 99963A

Ordering information

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

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

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

Order on-line or Contact your local distributor

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