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DATASHEET

Ponceau S Staining Solution

Product overview

Name	Ponceau S Staining Solution
Cat No	HB5363
Biological description	Ready-to-use, reversible stain for checking efficiency of electrophoretic transfer of SDS-denatured proteins to nitrocellulose and PVDF membranes (250ng protein of protein can rapidly be visualized). Membranes can be de-stained with any pH >7 buffer or by transferring the membrane into blocking buffer (e.g. TBS/BSA).
Biological action	Dyes & stains
Applications	WB
Description	Ready-to-use stain for protein band detection

Biological Data

Application notes **Ponceau Staining Protocol**

1. Run a SDS-PAGE gel and transfer to either a nitrocellulose or PVDF membrane following standard protocols (see our [Western blotting protocol](#)),
2. Following transfer, submerge the membrane in Ponceau S staining solution and incubate for 5-15 minutes with gentle agitation
3. Decant the Ponceau S stain then gently rinse the membrane with multiple changes of dH₂O until clear bands are visible. Be careful not to overrinse as this can remove the bands.
4. Image the blot or use the visible bands to cut the membrane as desired
5. Remove the stain using multiple washes of PBST / TBST until no more red remains
6. Proceed with blocking and probing following standard protocols

Solubility & Handling

Storage instructions 4°C

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Appearance Deep red solution
