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## DATASHEET

### Ponceau S Staining Solution

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#### Product overview

<b>Name</b>	Ponceau S Staining Solution
<b>Cat No</b>	HB5363
<b>Biological description</b>	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).
<b>Biological action</b>	Dyes & stains
<b>Applications</b>	WB
<b>Description</b>	Ready-to-use stain for protein band detection

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#### Biological Data

<b>Application notes</b>	<b>Ponceau Staining Protocol</b>
	<ol style="list-style-type: none"><li>1. Run a SDS-PAGE gel and transfer to either a nitrocellulose or PVDF membrane following standard protocols (see our <a href="#">Western blotting protocol</a>),</li><li>2. Following transfer, submerge the membrane in Ponceau S staining solution and incubate for 5-15 minutes with gentle agitation</li><li>3. Decant the Ponceau S stain then gently rinse the membrane with multiple changes of dH<sub>2</sub>O until clear bands are visible. Be careful not to overrinse as this can remove the bands.</li><li>4. Image the blot or use the visible bands to cut the membrane as desired</li><li>5. Remove the stain using multiple washes of PBST / TBST until no more red remains</li><li>6. Proceed with blocking and probing following standard protocols</li></ol>

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#### Solubility & Handling

<b>Storage instructions</b>	4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

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#### Chemical Data

<b>Appearance</b>	Deep red solution
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