

Ponceau S Staining Solution

Ordering info

TBR0290, Ponceau S Staining Solution, 500 mL

TBR0291, Ponceau S Staining Solution, 1L

Description

Ponceau S Staining Solution is a ready to use solution that provides a qualitative assessment of protein presence and transfer efficiency. Red Ponceau dye selectively binds to proteins, forming a stable complex. It interacts with the amino acid residues, particularly arginine, lysine, and histidine. The binding of Red Ponceau to proteins imparts a red color to the stained protein bands.

Features

- Detection limit in the range of 10-50 ng (depending of protein composition).
- Stain compatible with PVDF or nitrocellulose membrane.
- Reversible binding allowing for the removal of the dye and subsequent immunodetection or other downstream application.

Applications

- Protein transfer verification on nitrocellulose or PVDF membranes during Western blotting process.
- Sample loading normalization.

Storage

Store at 25 °C.

Quality Control

- Protease activity not detected.

Also available:

- Tris-Glycine-SDS Buffer 10 x, pH 8.3 (TBB0339, TBB0340)
- Tris-Tricine-SDS Buffer 10x, pH 8.3 (TBB0396, TBB0397)
- TBS-T 20x, pH 7.6 (TBB0343, TBB0344)

PROTOCOL

1. Wash the membrane briefly with distilled water
2. Cover your membrane with the Ponceau S staining solution and close the lid to protect it from light.
3. Incubate until bands appear.
4. Recover Ponceau S Staining Solution. Protect from light.
5. Rinse the membrane with distilled water until the background staining is removed.
6. Image the membrane.
7. For Western blot, wash the membrane with 5 mL of TBS-T. Repeat this step two times more.
8. Block the membrane as usual.