

# T-Pro Ponceau S Stain Solution



Store at RT

(JT90-R006M) 500 ml

**This product is for laboratory research ONLY and not for diagnostic use.**

**Introduction** T-Pro Ponceau S Stain Solution is a ready-to-use membrane stain for evaluating protein transfer efficiency or for use in total protein normalization for western blot analysis. The stain has minimal nonspecific interactions with nitrocellulose or PVDF membranes, providing a reliable method for visualization of membrane-bound proteins. Staining with Ponceau S Stain Solution results in pink-reddish protein bands that are easily photographed and reversed in less than 5 minutes. Subsequent immunodetection is unaffected, as the stain does not alter membrane-bound proteins.

**Procedural guidelines**

- Do not dilute before use. Ponceau S Stain Solution is supplied in a ready-to-use format.
- Ensure that membranes are completely immersed in staining solution throughout the incubation.
- Ensure that all staining solution is removed before blocking membranes for fluorescent western blot detection.

**Storage** T-Pro Ponceau S Stain Solution is stable for RT

## Instructions

### Stain nitrocellulose or PVDF membranes with Ponceau S Staining Solution

- 1 Wash the membrane in ultrapure water 3 times for 1 minute each time with gentle agitation to remove all transfer buffer.
  - 2 Immerse the membrane in Ponceau S Stain Solution, then incubate with gentle agitation for 5–15 minutes.
  - 3 Carefully wash the membrane in ultrapure water for 30–90 seconds or until the desired staining intensity is achieved.
  - 4 Optional) Destain the membrane-Wash with a 0.1% NaOH solution for 1–2 minutes, then rinse in ultrapure water.
- \* **IMPORTANT!** To avoid uneven staining, do not pour water directly onto the membrane surface.