**Ponceau Stain**

**Ponceau Stain Materials:**

* Ponceau Stain
* Acetic Acid
* Di Water

**Ponceau Stain Procedure**

1. Prepare ponceau stain solution:

|  |  |
| --- | --- |
| Ponceau Stain | 100 mg |
| Acetic Acid | 5 mL |
| Di Water | 95 mL |

Stir until dissolved.

1. After completing western blot, pour ponceau stain solution over nitrocellulose membrane. Let rock for 5 minutes.
2. Pour out stain and wash membrane while rocking with distilled water 2-3 times for 1 minute each until protein is clearly visible.
3. Image membranes with Coomassie Blue Application on Chemidoc

**Ponceau Stain Tips:**

* The membrane should stay submerged throughout the procedure to prevent drying out
* Avoid touching membrane with bare skin. Use PVC or latex gloves to handle membrane and only touch the outside edges.
* Avoid over washing the membrane with distilled water because the stain become removed from the protein and nothing will be visible.