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# ProductInformation

**AMIDO BLACK STAINING SOLUTION**
For Total Protein Detection On Western Blot

Product Number **A 8181**
Store at Room Temperature

## Product Description

Amido Black staining solution is used for the detection of microgram quantities of proteins transferred to nitrocellulose membranes. In comparison to staining with Brilliant Blue R, staining with Amido Black results in significantly less background on nitrocellulose membranes. Because nitrocellulose membranes are more stable in isopropanol than in methanol or other solvents, our formulation contains isopropanol.

After a 1:1 dilution with deionized water Amido Black Staining Solution contains:

0.1% Amido Black (w/v)
25% Isopropanol (v/v)
10% Acetic Acid (v/v)

NOTE: Not suitable for use with charge modified nylon membranes.

## Procedure

Total Protein Detection on Western Blot:

1. Prepare Amido Black 1X Staining Solution by diluting Amido Black Staining Solution (A8181) 1:1 with deionized water.

2. After transferring proteins onto nitrocellulose membrane, immerse membrane in sufficient Amido Black 1X Staining Solution to cover. Stain for 1 minute.

3. Destain the membrane by placing in an aqueous solution containing 25% isopropanol and 10% acetic acid for 30 minutes. If a lighter background is desired, destain overnight.

4. Store the destained membrane in deionized water or allow to air dry.

## References

1. Gershoni, J.M., and Palade, G., Anal. Biochem., **124**, 396 (1982).

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