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## Product Information

### **NAPHTHOL BLUE BLACK (Amido Black 10B, Buffalo Black NBR, C.I. 20470) ELECTROPHORESIS REAGENT**

Product No. **N 3393**  
Store at room temperature

#### **Procedures**

##### Procedure for General Protein Staining<sup>1</sup> (Polyacrylamide, IEF, or Agarose gel)

1. Prepare a 0.1% (w/v) solution of Naphthol Blue Black in 7% (v/v) acetic acid. Filter.
2. Immerse gel in dye solution for 2 hours at room temperature.
3. Destain gel in 7% (v/v) acetic acid at room temperature (2 hours for agarose gel; overnight for polyacrylamide gel).

##### Procedure for Staining Proteins Transferred to Membrane<sup>2</sup>

1. Prepare a 0.1% (w/v) solution of Naphthol Blue Black in 10% (v/v) methanol, 2% (v/v) acetic acid.
2. After transferring protein onto membrane, immerse the membrane in dye solution for 15-30 minutes.
3. Rapidly destain the membrane in 50% (v/v) methanol, 7% (v/v) acetic acid for 5-10 minutes or until the protein bands can be seen clearly.

#### **References**

1. Wilson, C. M., Anal. Biochem., **96**, 263 (1979)
2. Towbin, H., et. al., Proc. Natl. Acad. Sci., USA, **76**, 4350 (1979)

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