
Amido Black 10B Staining Eluent

Cat. No.: A1516107 | Pack size: 100 mL | Storage: Room temperature

Overview

Amido Black 10B can be used to detect proteins on blotting membranes. When the transferred protein is greater than 50 ng per band, dark blue bands appear on a light blue background. Amido Black is the most commonly used stain for protein sequencing and in situ protein cleavage when determining internal sequences.

Amido Black 10B Staining Eluent, also known as Cellulose Acetate Membrane Electrophoresis Eluent, is primarily composed of alkali and deionized water. It is suitable for elution after Amido Black 10B staining. It can be used for the quantitative detection of dye eluted from cellulose acetate membranes, which is proportional to the protein content. This reagent is for research use only and is not intended for clinical diagnosis or other purposes.

Materials to Prepare

- Distilled or deionized water
- Amido Black 10B Staining Solution
- Amido Black 10B Destaining Solution
- Shaker

Procedure (For Reference Only)

1. Place the blotting transfer membrane in a suitable container. Wash with distilled water 3 times, 5 minutes each time.
2. Immerse the membrane in Amido Black 10B Staining Solution (0.1%) for 5 minutes or longer. Shake the staining dish occasionally during the staining process.
3. Prepare 3 destaining dishes containing Amido Black 10B Destaining Solution. Remove the membrane strip from the staining solution, drain off as much staining solution as possible, and successively immerse it in the destaining solutions. Rinse repeatedly until the background is colorless.
4. Blot the destained membrane dry. Cut out the stained protein bands and place them into corresponding test tubes. Add 4-6 mL of Amido Black 10B Staining Eluent to the tube containing the albumin band. Shake several times, then place in a 37°C water bath for 20 minutes to fully elute the dye. Measure the absorbance of each tube at 620 nm using a spectrophotometer.

Precautions

- This product has certain corrosiveness. Please handle with care.
- For your safety and health, please wear a lab coat and disposable gloves during operation.
- Use the reagent as soon as possible after opening to prevent affecting subsequent experimental results.

Specifications

Attribute	Value
Synonyms	CAM Staining Eluent
Specifications & Purity	BioReagent, for protein analysis, for protein sequencing
Stability And Storage	Store at room temperature long term (12 months).
Storage Conditions	Room temperature
Shipped In	Normal
Grade	BioReagent, for protein analysis, for protein sequencing

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
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