Immobilon™-Ny+ Blotting Membrane

Charged nylon blotting membrane for superior results from nucleic acid protocols



For superior results in genomics applications including Southern blotting, northern blotting, and colony/plaque lifts, use Immobilon Ny+ charged nylon blotting membrane.

Exceptional Signal and Reprobing Capabilities

Immobilon-Ny+ is a positively charged nylon membrane optimized for reliable and reproducible transfer, immobilization, hybridization, and subsequent reprobing. The density and uniformity of the positively charged surface produces maximum sensitivity with minimal background. The membrane is reinforced for enhanced durability, which is especially important in reprobing experiments.

- Maximum sensitivity with minimal background
- Exceptional reprobing characteristics
- Performs well in both chemiluminescent and radioactive detection system

Performance Data

Excellent Reprobing Characteristics

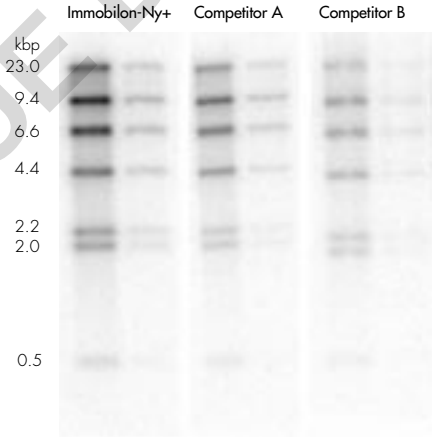


Figure 1. Signal intensity on charged nylon after round 12 of reprobing: Nylon membranes were cross-linked at 254 nm and underwent multiple reprobes including, in sequence, two hybridizations with ^{32}P-labeled probe, four mock hybridizations, a seventh hybridization with ^{32}P-labeled probe followed by five mock hybridizations and a thirteenth hybridization with ^{32}P-labeled probe. The membranes were stripped in 0.4M NaOH at 45 °C for 30 minutes between each cycle of hybridization.The mock hybridizations were the same as the true hybridizations except that no ^{32}P-labeled probe was added. Throughout the reprobing process, Immobilon-Ny+ performed better with twice the signal than both Competitor A and Competitor B's charged nylon membrane.

High Hybridization Signal

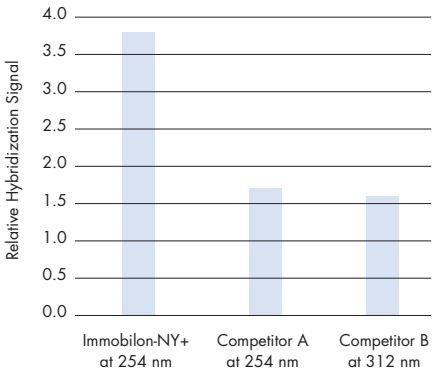


Figure 2. Direct comparison of three charged nylon membranes in their own optimized protocols. Each membrane was cross-linked at its recommended UV wavelength. Using these cross-linking conditions, Immobilon-Ny+ had twice the hybridization signal of both Competitor A and Competitor B.

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Technical Literature

For more information including optimization tips and protocol notes, refer to the following (available online or through your local Millipore office):

- **TN057** Comparison of Immobilon-Ny+ Transfer Membrane and 2 Competitive Charged Nylon Membranes
- **TN054** Optimization of DNA Fixation on Immobilon-Ny+ Transfer Membrane Using UV Light
- **TN055** Transfer of DNA to Immobilon-Ny+ Transfer Membrane
- **TN056** Comparison of 4 Stripping Protocols for DNA Probes on Immobilon-Ny+
- **TN071** Chemiluminescent Detection
- **TN110** Optimization of Northern Blotting on Immobilon-Ny+
- **TN1500ENUS** Colony Lifts Using Immobilon-Ny+
- **FF250EN00** Immobilon Blotting Membranes Brochure

Ordering Information

Immobilon-Ny+ Blotting Membranes are available in discs, sheets, and rolls.

Description	Qty/Pkg	Catalogue No.
82 mm disc	50	INYC 082 50
85 mm disc	50	INYC 085 50
132 mm disc	50	INYC 132 50
137 mm disc	50	INYC 137 50
6 x 11 sheet	50	INYC 611 50
9 x 12 sheet	50	INYC 091 50
10 x 10 cm sheet	10	INYC 101 00
20 x 20 cm sheet	10	INYC 202 00
22.2 x 22.2 cm sheet	10	INYC 222 2C
	100	INYC 262 60
26 x 26 cm sheet	10	INYC 262 60
30 cm x 3.3 m roll	1	INYC 000 10

To Place an Order or Receive Technical Assistance

For additional information call your nearest Millipore office:
In the U.S. and Canada, call toll-free **1-800-MILLIPORE (1-800-645-5476)**
In the U.S., Canada and Puerto Rico, fax orders to **1-800-MILLIFX (1-800-645-5439)**
Internet: **www.millipore.com**
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