Blotting Membrane

Advion Interchim scientific

Technical Data Sheet

Our blotting membrane is widely used in biological detection and analysis, such as protein transfer, protein immunoblot transfer, spot/slot hybridization, traditional DNA and RNA transfer, nucleic acid hybridization detection, etc.

We provides PVDF blotting membrane and NC blotting membrane. This blotting membrane has high binding capacity for biological molecules and can provide excellent sensitivity and low background.

Our blotting membrane is customized for specific applications, detection, and blotting techniques, with excellent performance.

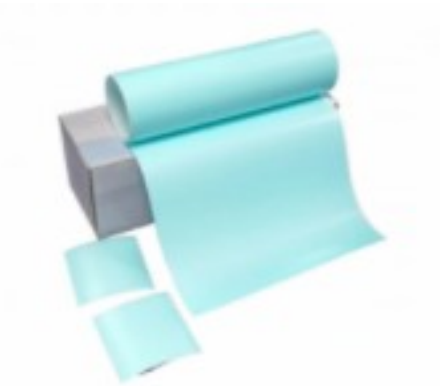
We can provide different shapes and specifications of blotting membrane to meet your personalized needs.

Features

- Excellent mechanical strength
- high chemical compatibility
- Excellent sensitivity
- low background

Applications

- Western blot
- Southern blot
- Northern blot
- Amino acid or protein analysis



Sandwich Blotting Membrane

Five layer structure packaging facilitates your protein analysis process!

1. 1× PVDF/NC Blotting Membrane
2. 2× Blotting Paper
3. 2× Protective Paper

WB Test

Experimental parameters:

Target protein: Escherichia coli lysate protein , bovine serum albumin

Washing buffer: TBST

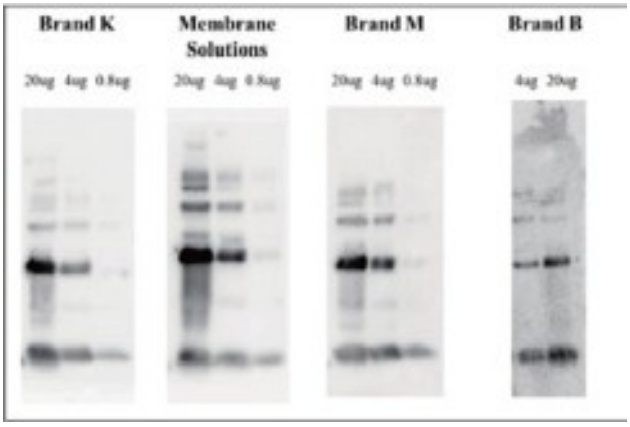
Blocking: Slowly shake the membrane at room temperature with 5% skim milk for about 1h at rocking incubator.

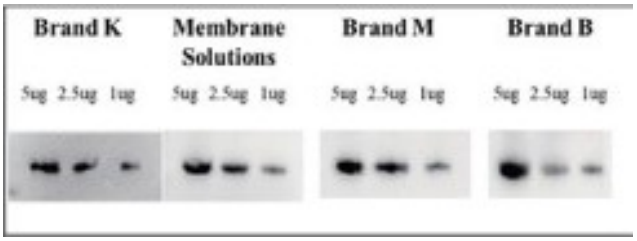
Primary antibody: Anti-E. coli antibody, polyclonal anti-BSA antibody

Secondary antibody: Dilute the secondary antibody with TBST at a ratio of 1:10000, and incubate at room

temperature on a shaking incubator for about 1h. Detection: Mix ECL chemiluminescence A and B solutions in a ratio of 1:1 and evenly drop them onto the membrane. Expose and analyze the membrane with the Fusion imaging system.

Transfer conditions: Constant current of 400 mA, wet transfer for 40 min.





The WB comparative experiment results show that PVDF blotting membrane has excellent protein transfer performance.

Ordering Information

• Blotting Membrane

Reference	Type	Pore Size	Format	Quantity
C3AHH0	PVDF	0.22 µm	100×100 mm	25 pcs
1N4580	PVDF	0.22 µm	300×3000 mm	1 roll
C3AHJ0	PVDF	0.45 µm	100×100 mm	25 pcs
1N4590	PVDF	0.45 µm	300×3000 mm	1 roll
C3AHK0	NC	0.22 µm	100×100 mm	25 pcs
1N4560	NC	0.22 µm	300×3000 mm	1 roll
C3AHL0	NC	0.45 µm	100×100 mm	25 pcs
1N4570	NC	0.45 µm	300×3000 mm	1 roll

• Transfer Papers

Reference	Product	Thickness	Format	Quantity
C3AHM0	Transfer Paper	0.34 mm	300×3000 mm	1 roll
C3AHN0	Transfer Paper	0.80 mm	300×3000 mm	1 roll