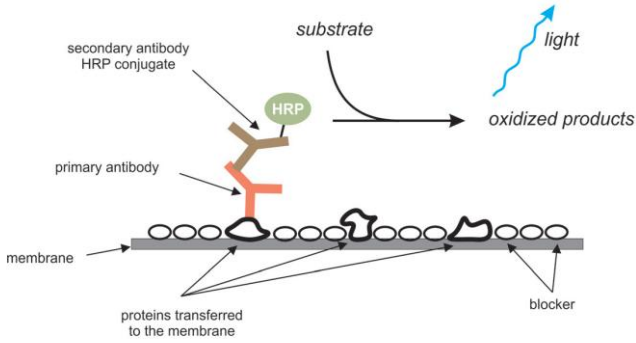


Transfer Membrane

Western Blotting:

Western blotting is a protein analysis tool for a molecular biology and protein chemistry laboratory. The principle of chemiluminescent Western blotting is shown in Figure.



Overview of Transfer Membranes:

Nepenthe offers polyvinylidene difluoride (PVDF) transfer membranes for immunoblotting applications. All membranes are optimized for compatibility with a wide range of protein stains and enzyme-based detection systems, specifically with chemiluminescent substrates. Nepenthe PVDF membranes provide durability and high tensile strength for ease of handling.

Nepenthe PVDF-CL transfer membrane has a 0.22 μm pore size, is the best choice for chemiluminescent detection and offers high stability for stripping and re-probing chemiluminescent blots.

Nepenthe PVDF-FL transfer membrane has a 0.45 μm pore size and displays very low autofluorescence across a wide range of excitation/emission wavelengths. It is ideal for blotting applications involving fluorescence-based immunodetection, but also can be used for standard chemiluminescent or chromogenic detection.

- Quality controlled for background-free Western blots
- PVDF membranes optimized for fluorescence (FL) or chemiluminescence (CL) detection
- High signal-to-noise ratios with low background levels

Membrane Specs:

	PVDF-CL Transfer Membrane	PVDF-FL Transfer Membrane
Pore Size	0.22 μm	0.45 μm
Protein Binding Capacity	300 $\mu\text{g}/\text{cm}^2$	300 $\mu\text{g}/\text{cm}^2$
Applications	Chemiluminescence Total Protein Stain Chromogenic	Fluorescence Total Protein Stain Chemiluminescence

For Orders:

Catalog Number	Product	Size
NB058024001	PVDF-CL Transfer Membrane	1 roll 26 cm x 3.3 m
NB058025001	PVDF-FL Transfer Membrane	1 roll 26 cm x 3.3 m
NB058125010	Pre-Cut PVDF Transfer Membrane, 0.45 μm	10 sheets 7x9 cm
NB058125020	Pre-Cut PVDF Transfer Membrane, 0.45 μm	20 sheets 7x9 cm
NB058125050	Pre-Cut PVDF Transfer Membrane, 0.45 μm	50 sheets 7x9 cm