Filters, transfer membranes, PVDF, blotting, Immobilon™

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Immobilon™-P

- For general immunodetection and amino acid analysis
- Rapid immunodetection method reduces detection time by two hours
- High mechanical strength for easy handling

Immobilon™-FL

- The first transfer membrane optimised for fluorescence applications
- Extremely low background
- Compatible with all commonly used fluorescent probes
- Can be used at all excitation and emission wavelengths
- Ideal for multiplexing

High protein binding 0.45µm membrane with low backgrounds. Eliminates blocking and subsequent wash steps in Western blots with new rapid immunodetection protocol that does not compromise specificity or sensitivity. Suitable for chromogenic chemiluminescent, chemifluorescent and radioactive detection. Transfer proteins from a variety of gel matrices by electroelution. Immobilon™-P offers increased solvent and staining capabilities and has a higher signal-to-noise ratio than does nitrocellulose. High mechanical tensile strength allows easy handling without cracking or breaking.

Technical Specification - Specific

	Immobilon™-P	Immobilon™-FL
Description	The original PVDF membrrane for Western, dot and other protein blots	Optimised for fluorescent Immunodetection applications
Material	Hydrophobic PVDF	Hydrophobic PVDF
Pore size, µm	0.45	0.45
Applications	Western blotting, binding assays, amino acid analysis, N-terminal protein sequencing, dot/slot blotting, glycoprotien visualisation, lipopolysaccharide analysis	Western blotting, dot/slot blotting
Detection	Chemilluminescent, chromogenic, radioactive	Fluorescent, cemifluorescent, chromogenic, chemiluminescent
Protein binding capacity, mg	Insulin: 85 BSA: 131 Goat IgG: 294	Insulin: 85 BSA: 131 Goat IgG: 131
Compatible stains	Coomassie® Brilliant Blue, amido black, india ink, Ponceau-S red, collodial gold, GPTS, toluidine blue, transillumination, Sypro® Ruby	Coomassie® Brilliant Blue, amido black, Ponceau-S red, GPTS

All proteins may not behave the same on a membrane surface; variability in properties such as charge, density, conformation, or hydrophobicity may necessitate use of another Immobilon™ PVDF membrane for Western blotting.

0.45µm Immobilon™-P

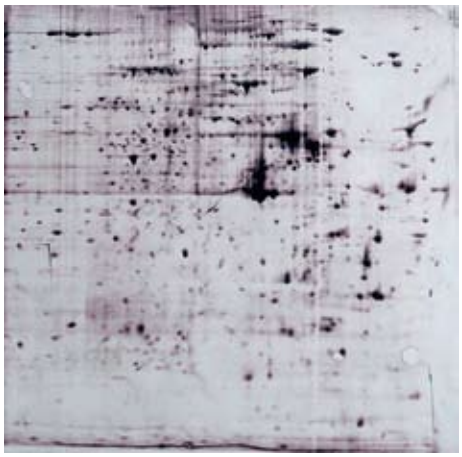
Catalogue No	Alt. No	Format	Dimensions, mm	Pack qty
FDR-520-027U	IPVH08100	Sheets	80 x 100	10
FDR-520-050C	IPVH15150	Sheets	150 x 150	10
FDR-520-060W	IPVH20200	Sheets	200 x 200	10
FDR-520-080Q	IPVH00010	Roll	265 x 3,750	1

0.45µm Immobilon™-FL

Catalogue No	Alt. No	Format	Dimensions, mm	Pack qty
FDR-523-010T	IPFL10100	Sheets	100 x 100	10
FDR-523-020Q	IPFL20200	Sheets	200 x 200	10
FDR-523-030N	IPFL00010	Roll	265 x 3,750	1

Standard immunodetection method

Rapid immunodetection method. Standard vs immunodetection methods using BCIP substrate as Immobilon™-P transfer membranes



2-D electrotransfer onto Immobilon™-P using silver stain method

Full our range of Millipore transfer membranes see page 821 of the Fisher Scientific Life Science Catalogue 2008-2009