

Acute Therapy Systems

plasmaFlux® P1dry/P2dry

Membrane Plasma Separation (MPS) /
Therapeutic Plasma Exchange (TPE) with the multiFiltrate



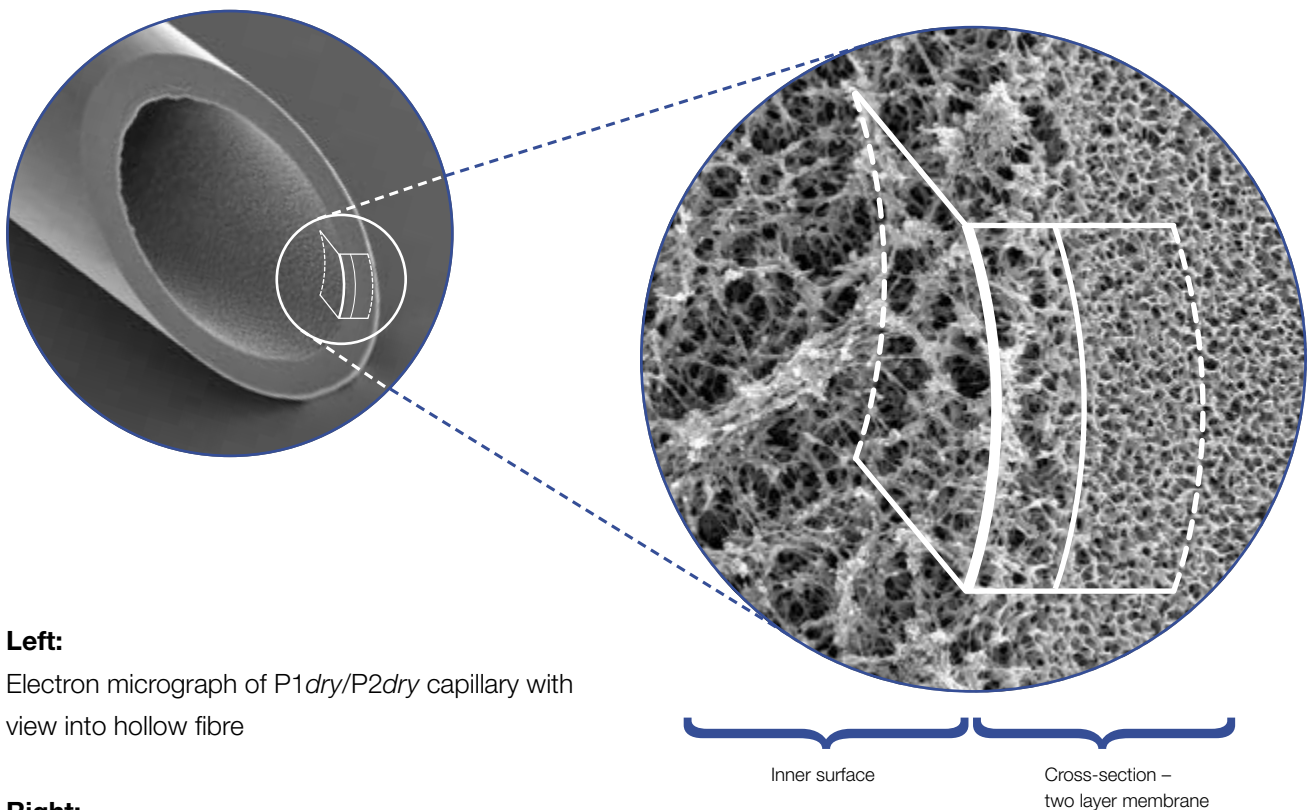
**FRESENIUS
MEDICAL CARE**

P1dry/P2dry plasmafilter optimised for clinical use with the multi**Filtrate**

INLINE steam-sterilised dry plasmafilter with two-layer structure and modelled membrane topology

- Dry delivery enables simplified set-up with a shortening of the rinsing procedure
- Tailor-made pores allow free passage of protein components such as immunoglobulins, lipoproteins and also other big molecules with molecular weights even those exceeding 2 million dalton
- The membrane's blood contact surface has a coarse-meshed topology that prevents blood cells from blocking fine pores; a stable filtration process at low TMP with excellent sieving coefficient is enabled
- Passage of blood cells through the membrane is prevented
- The surface layer inside of the capillary is surrounded and stabilised by a second homogeneous, fine-pored layer
- Fresenius Polysulfone® membrane offers excellent biocompatibility

Two-layer structure of P1dry/P2dry plasmafilter



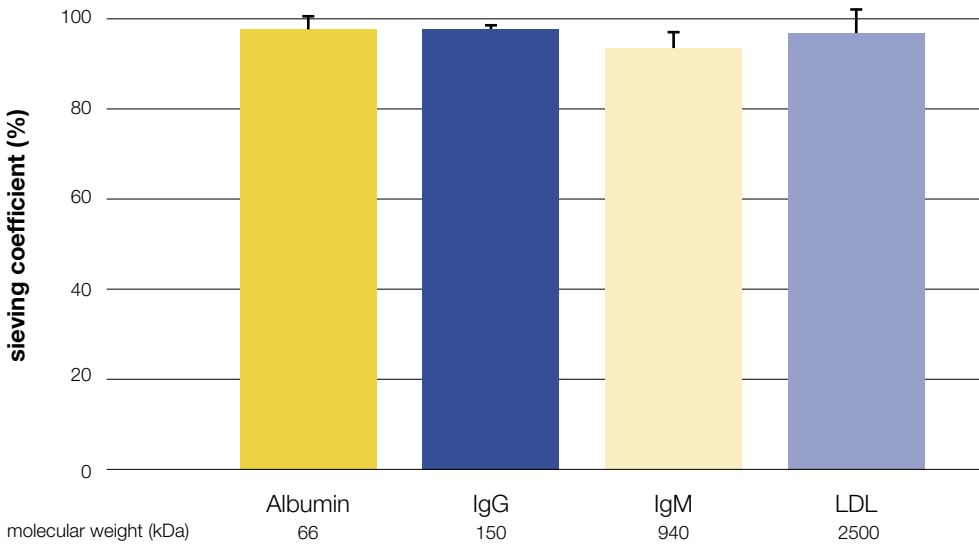
Left:

Electron micrograph of P1dry/P2dry capillary with view into hollow fibre

Right:

Magnified to show inner surface and cross-section of two layer membrane

Sieving coefficient of plasmaproteins (in vitro data with P2dry plasmafilter and human blood)



Components and descriptions	multiFiltrate Kit		
	16 MPS	16 IS MPS	MPS P1dry
	Order No.		
	F00000215	F00004671	F00003316
Plasmafilter delivered dry, steam-sterilised, Fresenius Polysulfone® membrane	x	x	x
P1dry*: surface area 0.3 m ² , filling volume 35 mL, recommended blood flow 40–150 mL/min	–	–	x
P2dry*: surface area 0.6 m ² , filling volume 67 mL, recommended blood flow 80–250 mL/min	x	x	–
multiFiltrate cassette: pre-assembled with arterial, venous and filtrate system, blood volume 147 mL	x	x	–
multiFiltrate Midi AV-Set: volume reduced arterial and venous blood line set for use in adult treatment mode, filling volume 83 mL	–	–	x
Filtrate System multiFiltrate: filtrate line	–	–	x
MPS Substitute System multiFiltrate: substitute system with 2 integrated heater bags, Luer-Lock male with 4 pre-connected vented spikes	x	x	x
Filtrate collection bag: 10 L bag, with draining cock, Luer-Lock	x	x	x
Heparin syringe 50 mL, Fresenius Injectomat syringe, latex free, Luer-Lock	–	x	–

*Order No. P1dry (as single product): 5008021
Order No. P2dry (as single product): 5008031



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