

Plasmaflo®

OP Series

Asahi Hollow Fiber Plasma Separator

OP-02W (L)



OP-05W (L)



OP-08W (L)



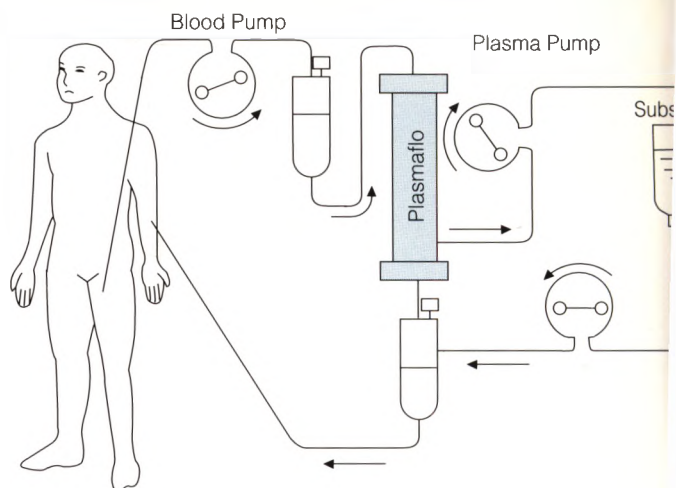
- Gamma Sterilized / ETO free
- Easy to prime and operate
- High clearance of protein components
- Minimal loss of cellular components
- High plasma flux even at low blood flow rate

Pioneer in Therapeutic Plasmapheresis Technologies
ASAHI MEDICAL

SPECIFICATIONS

	OP-02W(L)	OP-05W(L)	OP-08W(L)
▲ Hollow fiber	Polyethylene (coated by ethylenevinylalcohol copolymer)		
Material			
Inside diameter	330 μm		
Wall thickness	50 μm		
Effective length	160 mm	220 mm	220 mm
Effective surface	0.2 m ²	0.5 m ²	0.8 m ²
Priming volume	25 ml	55 ml	80 ml
Maximum pore size	0.3 μm		
▲ Container	Polycarbonate		
Material			
Dimensions	223 mm×28 mm ^φ	290 mm×34 mm ^φ	290 mm×42 mm ^φ
▲ Sealant	Polyurethane		
▲ Sterilization	γ - ray		
▲ Filling liquid	Saline solution		

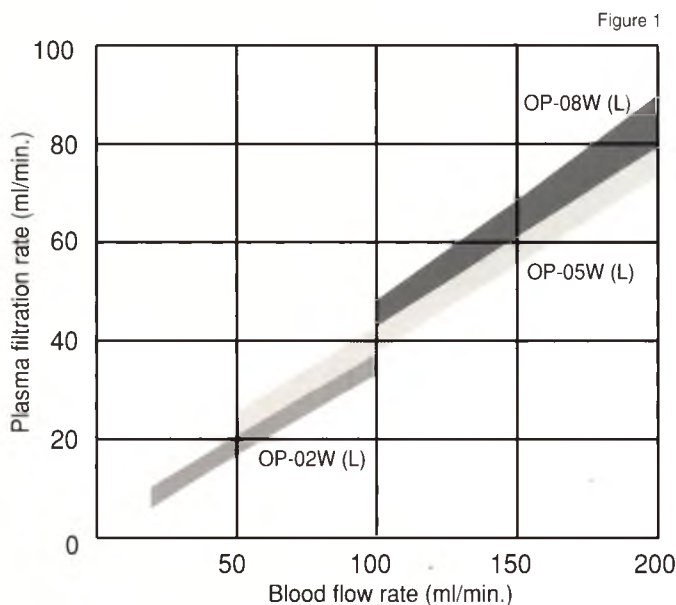
APPLICATIONS



PERFORMANCE

(1) Plasma filtration rate

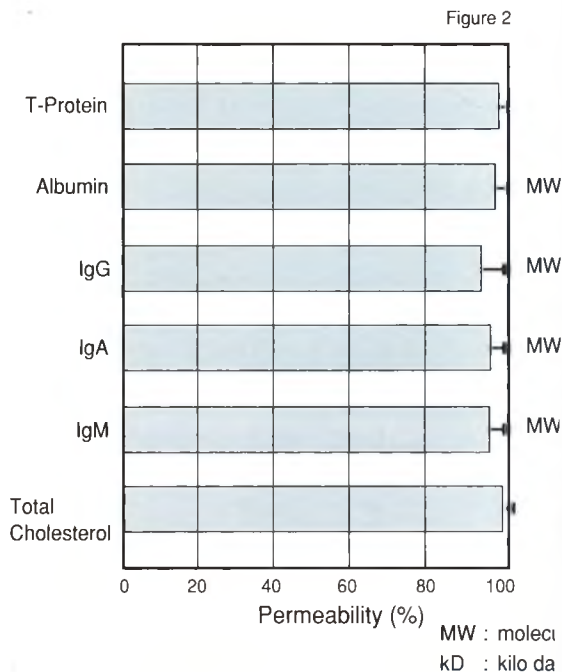
Figure 1 shows the plasma filtration rates of the Plasmflo OP-02W(L), OP-05W(L) and OP-08W(L) tested in vitro with bovine blood, haematocrit standardised to 35% and at a TMP of 50 mmHg.



(2) Permeability to plasma components

Figure 2 shows the in vivo permeability of the Plasmflo OP-05W(L) to various plasma components after separation of 1 liter. These data are based on clinical treatment performed at Koga Hospital, Japan.

Blood flow : 80 ~ 130 ml/min.
 Plasma flux : 20 ~ 40 ml/min.
 TMP. : ~ 45 mmHg



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