

Plasmaflo™



OP Series

Asahi Hollow Fiber Plasma Separator

Gamma Sterilized : ETO free

Easy to prime and operate

High clearance of protein components

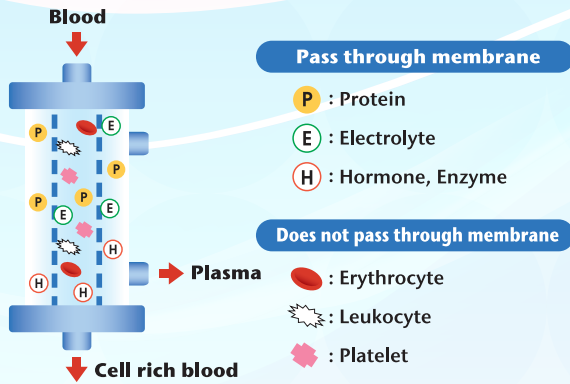
Minimal loss of cellular components

High plasma flux even at low blood flow rate

High sieving coefficient of protein components with low platelet loss

Principle

Plasma and proteins pass through the membrane but the pores are small and cellular components cannot pass across the membrane. Plasma and pathogenic substances in the plasma can be discarded or purified and returned to the patient.

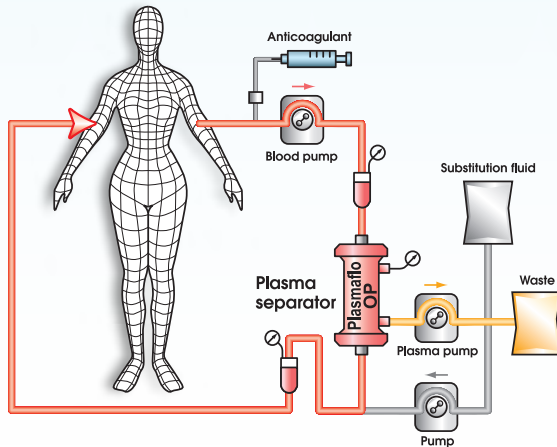


Specifications

	OP-02W(L)	OP-05W(L)	OP-08W(L)
▶ Hollow fiber	Polyethylene (coated by ethylene-vinylalcohol copolymer)		
Material			
Inside diameter	330 μm		
Wall thickness	50 μm		
Effective surface	0.2 m ²	0.5 m ²	0.8 m ²
Priming volume	25 mL	55 mL	80 mL
Pore size	0.3 μm		
▶ Containner	Polycarbonate		
Material			
Dimensions	223mm[L]x28mm[D]	290mm[L]x34mm[D]	290mm[L]x42mm[D]
▶ Sealant	Polyurethane		
▶ Sterilization	Gamma-Ray		

Circuit Diagram

The Plasmaflo OP Asahi Plasma separator is a medical device intended for the therapeutic separation of plasma from the whole blood in a clinical setting.

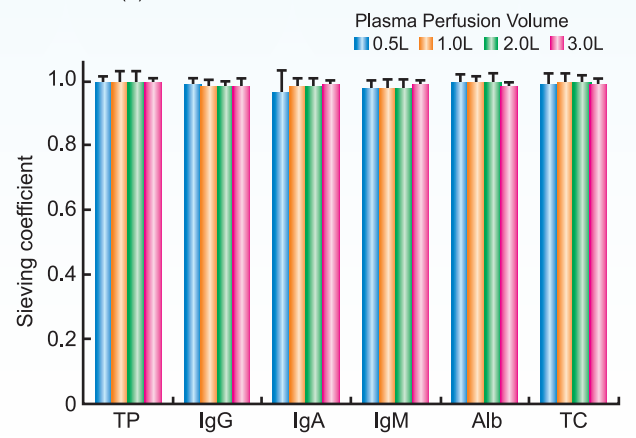


Performance

Permeability to plasma components

Figure shows the in vivo permeability of the OP-05W¹⁾ to various plasma components up to 3 liters of plasma perfusion volume.

¹⁾ OP-05W is brand name in Japan, and substantially equivalent to OP-05W(L).



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