



# Plasma Separator Plasmacure™ PE



## 01

### Features

- Ethylene vinyl alcohol copolymer, a hydrophilic material, is coated on the surface of polyethylene hollow fibers.
- Gamma ray irradiation sterilization is employed.
- Filtration property is stable due to less TMP increase.

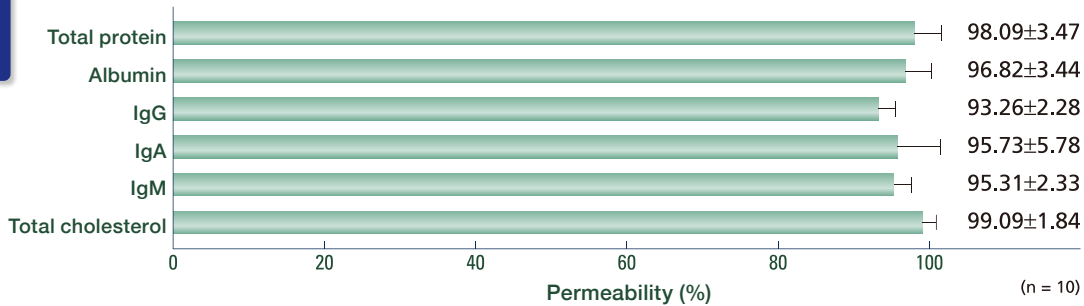
## 02

### Performance

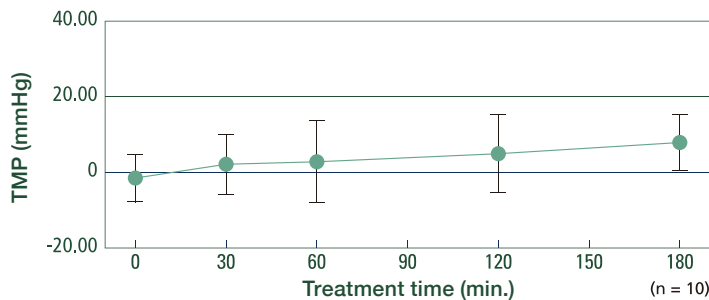
#### Permeability (when 1L of plasma has been treated)

The formula to calculate Permeability is as follows:

$$\text{Permeability} = \text{Plasma level of the substance} / \text{Blood level of the substance} \times 100 (\%)$$



#### Change in TMP



Excerpt from the clinical data provided by Koga Hospital

Conditions:  
QB = 80-130 ml/min.  
QF = 20-44 ml/min.

## 03

### Specifications

Type		PS-02	PS-05	PS-08
Hollow fibers	Material	Polyethylene (Coating material: ethylene vinyl alcohol copolymer)		
	Inner Diameter [μm]	330		
	Wall thickness [μm]	50		
	Mean pore size [μm]	0.3		
	Membrane surface area [m <sup>2</sup> ]	0.2	0.5	0.8
Housing	Material	Polycarbonate		
Priming volume (inside fibers) [mL]		25	55	80
Priming volume (outside fibers) [mL]		35	75	105
Filling fluid		Saline solution		
Sterilization method		gamma rays		
Max. TMP [kPa] [mmHg]		13.3(100)		

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Please read the instructions carefully before use.  
KJE-PC-2006-00-FF

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