

**ASAHI DIALYZER**

**Asahi ViE**  
*New Generation Dialyzer*

# VitabranE

— Vitamin E-bonded Membrane —



A PIONEER IN BLOOD PURIFICATION

# VitabranE — Vitamin E-bonded Membrane —

## Why Vitamin E ?

Vitamin E has been known to be an excellent antioxidant that inhibits the oxidation of free radicals by donating electrons. It is expected that Vitamin E contributes to reduce the oxidative stress given to human cells.



## Performance (in vitro)

	UFR (mL/hr/ mmHg)	Clearance (mL/min)											
		Qb=200mL/min				Qb=300mL/min				Qb=400mL/min			
		Urea	Creatinine	Phosphate	Vitamin B <sub>12</sub>	Urea	Creatinine	Phosphate	Vitamin B <sub>12</sub>	Urea	Creatinine	Phosphate	Vitamin B <sub>12</sub>
VIE-13	37	183	172	164	120	235	213	200	136	266	238	220	144
VIE-15	40	187	175	170	127	244	219	210	145	279	245	233	155
VIE-18	43	190	181	178	138	251	231	225	160	289	261	253	173
VIE-21	45	192	188	183	148	257	246	235	175	297	282	266	190

<Condition> UFR : with bovine plasma, TP=6.5±0.5g/dL, TMP=6.6kPa (50mmHg) Clearance : with saline, Qd=500mL/min, TMP=0kPa (0mmHg)

## Specifications

	Hollow fiber		Effective surface area (m <sup>2</sup> )	Priming volume (mL)	Max.TMP	Dimensions (mm(L)×mm(D))	Weight (g)	Sterilization
	Inside diameter (μm)	Wall thickness (μm)						
VIE-13	200	45	1.3	80	66kPa (500mmHg)	304×38	378	Gamma-ray
VIE-15			1.5	90		330×38	405	
VIE-18			1.8	105		330×42	486	
VIE-21			2.1	114		330×44	510	

Membrane : VitabranE

Note : High Permeability Devices. Use only with ultrafiltration controlling equipment.



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