

ABLE[®] HAEMODIALYSER



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 GUANGDONG BAIHE MEDICAL TECHNOLOGY CO., LTD.

LOW FLUX (POLYETHERSULFONE)

In Vitro performance data/technical date

	A40	A60	A80	A200
Ultrafiltration Coeff.(mL/hxmmHg)	18	20	22	25
Clearance QB=200 ml/min				
Urea	183	185	187	192
Creatinine	172	175	180	185
Phosphate	142	147	160	165
Vitamin B12	91	95	103	114
Clearance QB=300 ml/min				
Urea	232	240	247	252
Creatinine	210	219	227	236
Phosphate	171	189	193	199
Vitamin B12	105	109	123	130
Clearance (QB=400 ml/min; QD=500 ml/min; QF=10 ml/min)				
Urea	266	274	282	295
Creatinine	232	245	259	268
Phosphate	200	221	232	245
Vitamin B12	119	124	137	146

Remarks: In Vitro Performance: QD=500 ml/min; QF=10 ml/min, T=37℃ (EN1283,ISO8637)
Ultrafiltration coefficients: Bovine plasma, TP=60g/L±5g/L, TMP=10mm Hg

Effective Surface(m2)	1.4	1.6	1.8	2.0
ID/Wall thickness (µm)	200/40	200/40	200/40	200/40
Priming Volume(mL)	78	86	99	108
Maximum TMP(mmHg)	500	500	500	500
Blood Flow Rate (ml/min)	200—400			
Membrane Material	Polyethersulfone			
Housing Material	Polycarbonate			
Potting compound	Polyurethane			
Cover Material	Polycarbonate			
O-ring	Silicone Rubber			
Caps	Polypropylene			
Sterilization Method	Gamma			
Form of treatment	HD			
Units per box	24			
Product code	A-40	A-60	A-80	A-200

HIGH FLUX (POLYETHERSULFONE)

In Vitro performance data/technical date

		H-40	H-60	H-80	H-200	
Clearance (QB=200 ml/min; QD=500 ml /min; QF=10 ml /min)						
Urea		193	195	197	198	
Creatinine		181	185	190	195	
Phosphate		176	181	185	190	
Vitamin B12		137	150	162	175	
Chrysanthemol		94	107	120	130	
β2-Microglobulin		38	55	70	80	
Clearance (QB=300 ml/min; QD=500 ml/min; QF=10 ml/min)						
Urea		260	267	275	280	
Creatinine		235	250	260	270	
Phosphate		236	242	248	254	
Vitamin B12		156	170	183	196	
Chrysanthemol		110	120	128	134	
Clearance (QB=400 ml/min; QD=500 ml/min; QF=10 ml/min)						
Urea		306	315	324	330	
Creatinine		282	290	297	304	
Phosphate		260	265	285	297	
Vitamin B12		170	185	198	212	
Chrysanthemol		118	128	136	142	
		H-40	H-60	H-80	H-200	
Effective Surface (m2)		1.4	1.6	1.8	2.0	
Membrane Quantity		8832	9984	11136	12288	
ID (μm)		200 ± 15	200 ± 15	200 ± 15	200 ± 15	
Wall Thickness (μm)		40 ± 5	40 ± 5	40 ± 5	40 ± 5	
Effective Length (mm)		240 ± 2	240 ± 2	240 ± 2	240 ± 2	
Priming Volume (mL)		78	86	99	108	
Maximum TMP (mmHg)		500	500	500	500	
Pressure Drop (mmHg)		< 105	< 95	< 85	< 75	
QB=300mL/min						
Test conditions	TMP	Ultrafiltration coefficients (ml/(mmHg•h))				
		H-40	H-60	H-80	H-200	
Q _B =200mL/min	50	55	60	65	71	
	200	20	25	28	33	
	500	10	11	12	13	
Q _B =300mL/min	50	61	66	72	79	
	200	25	29	34	40	
	500	12	13	14	15	
Q _B =400mL/min	50	67	74	81	88	
	200	30	34	39	44	
	500	13	15	16	18	
Test Conditions		Model	H-40	H-60	H-80	H-200
QB =200mL/min QF =30ml /min		Chrysanthemol: 0.9 ± 10% β 2-Microglobulin: ≥0.7		Myoglobin: ≥0.7 X-Protein: ≤0.01		