

DTB DIALYZER HIGH FLUX

Smart Quality by DTB

MODEL	DTB 14HF	DTB 16HF	DTB 18HF	DTB 20HF	DTB 22HF
Surface Area (sqm)	1.4	1.6	1.8	2.0	2.2
UF Coefficient (ml/h/mmHg)	48	55	60	66	72
Priming Volume (ml)	87	100	109	120	138

CLEARANCE (mL/min)

QB = 200ml/min					
Urea	193	195	197	198	200
Creatinine	186	191	196	201	203
Phosphate	182	188	192	197	203
Vitamin B12	138	146	156	166	172
Inulin	100	119	130	142	154

QB = 300ml/min					
Urea	263	270	278	282	289
Creatinine	235	250	260	270	279
Phosphate	239	255	269	281	290
Vitamin B12	160	165	185	200	211
Inulin	124	131	140	150	159

QB = 400ml/min					
Urea	305	316	325	335	345
Creatinine	275	290	300	311	322
Phosphate	309	315	334	345	356
Vitamin B12	180	190	200	212	222
Inulin	125	132	144	154	165

CLEARANCES In-Vitro (ml/min) QD = 500ml/min - Temperature = 37°C ± 1°C - QF = 10 ml/min

DTB HF	
Membrane	Polyethersulfone
Housing & Headers	Polycarbonate
O-rings	Silicone
Potting Compound	Polyurethane
Caps	Polyethylene
Sterilization	Gamma Radiation

SIEVING COEFFICIENTS (S.C.)	
INULIN	1.0 ± 0.1
β2- microglobulin	≥ 0.7
Myoglobin	0.55 ± 0.1
Albumin	≤ 0.01

K_{UF} with anticoagulation bovine plasma (Hct 32%, Protein 60 ± 5g/l) Temperature 37 ± 1°C Q_B = 300mL/min TMP= 100 mmHG
S.C. : with anticoagulation bovine plasma, Protein 60 ± 5g/l, Temperature 37 ± 1°C Q_B = 200mL/min, Q_F = 30mL/min