

Commonly Used Dialyzer Specifications and Substitution Chart for Visiting Patients

Dialyzer (underlined ones are on current BC contract)	Membrane (main structure)	Surface area (m ²)	Priming volume (mL)	Kuf (mL/hr/ mmHg)	Sterilization	Clearance at Qb 300, Qd 500				Clearance at Qb 400, Qd 500				KoA urea	BC Equivalent Dialyzers
						BUN	Cr	PO4	vit B12	BUN	Cr	PO4	vit B12		
FRESENIUS MEDICAL CARE															
<u>FX HDF 600</u>	Polysulfone	1.5	97	52	Inline steam	268	238	228	165	351	313	301	229	-	FX HDF 600
<u>FX HDF 800</u>	Polysulfone	1.8	118	63	Inline steam	276	250	238	176	361	328	313	241	-	FX HDF 800
<u>FX HDF 1000</u>	Polysulfone	2.2	138	75	Inline steam	278	262	248	178	364	343	325	244	-	FX HDF 1000
<u>Optiflux F3</u>	Polysulfone	0.4	24	1.7	Ethylene oxide	125	95	47	20	-	-	-	-	-	Optiflux F3
						Clearance at Qb 200, Qd 500									
<u>Optiflux F80A</u>	Polysulfone	1.8	83	55	Ethylene oxide	245	220	216	150	292	270	265	172	-	Optiflux F80A
<u>Optiflux HF80S</u>	Polysulfone	1.8	110	55	Inline steam	192	180	177	135	248	225	220	155	-	Optiflux HF80S
						Clearance at Qb 200, Qd 500				Clearance at Qb 300, Qd 500					
<u>Optiflux F160NRE</u>	Polysulfone	1.5	83	50	Electron beam	266	238	230	152	309	261	191	94	1064	Optiflux F160NRE
<u>Optiflux F200NRE</u>	Polysulfone	2.0	112	62	Electron beam	277	253	250	173	330	289	290	189	1317	Optiflux F200NRE
<u>Optiflux F160NR</u>	Polysulfone	1.5	84	45	Ethylene oxide	266	238	230	152	308	264	275	157	1064	Optiflux F160NRE
<u>Optiflux F180NR</u>	Polysulfone	1.8	105	55	Ethylene oxide	274	251	238	168	323	286	287	178	1239	Optiflux F200NRE
<u>Optiflux F200NR</u>	Polysulfone	2.0	113	56	Ethylene oxide	277	253	250	173	330	289	290	189	1317	Optiflux F200NRE
<u>Optiflux F250NR</u>	Polysulfone	2.5	135	107	Electron beam	286	271	271	199	344	318	325	221	1662	Fx CorDiax 120 Rexeed 25A
<u>F4</u>	Polysulfone	0.7	42	2.8	Ethylene oxide	183	145	88	34	-	-	-	-	231	F4
<u>Fx 40</u>	Polysulfone	0.6	32	20	Inline steam	170	144	138	84	-	-	-	-	-	Fx 40
						Clearance at Qb 200, Qd 500									
<u>Fx CorDiax 40</u>	Polysulfone	0.6	32	21	Inline steam	175	155	142	96	255	229	215	144	547	Fx CorDiax 40
<u>Fx CorDiax 50</u>	Polysulfone	1.0	53	33	Inline steam	255	229	215	144	271	252	237	175	886	Fx CorDiax 50
<u>Fx CorDiax 60</u>	Polysulfone	1.4	74	47	Inline steam	271	252	237	175	319	290	270	191	1164	Fx CorDiax 60

Dialyzer (underlined ones are on current BC contract)	Membrane (main structure)	Surface area (m ²)	Priming volume (mL)	Kuf (mL/hr/ mmHg)	Sterilization	Clearance at Qb 300, Qd 500				Clearance at Qb 400, Qd 500				KoA urea	BC Equivalent Dialyzers
						BUN	Cr	PO4	vit B12	BUN	Cr	PO4	vit B12		
<u>Fx CorDiax 80</u>	Polysulfone	1.8	95	64	Inline steam	280	261	248	190	336	303	285	209	1429	Fx CorDiax 80
<u>Fx CorDiax 100</u>	Polysulfone	2.2	116	74	Inline steam	283	272	258	207	341	321	299	229	1545	Fx CorDiax 100
<u>Fx CorDiax 120</u>	Polysulfone	2.5	132	87	Inline steam	284	274	262	213	343	325	305	237	1584	Fx CorDiax 120
<u>Fx PAED</u>	Polysulfone	0.2	18	7	Inline steam	76	64	57	34	-	-	-	-	170	Fx PAED
<u>Fx CorDiax 600</u>	Polysulfone	1.6	95	46	Inline steam	285	271	257	204	354	327	307	235	1148	Fx CorDiax 600
				Clearance at Qb 100, Qd 300											
<u>Fx CorDiax 800</u>	Polysulfone	2.0	115	62	Inline steam	291	277	267	217	365	339	321	251	1365	Fx CorDiax 800
<u>Fx CorDiax 1000</u>	Polysulfone	2.3	136	76	Inline steam	292	280	271	225	367	343	328	262	1421	Fx CorDiax 1000
BAXTER GAMBRO INTERNATIONAL INC.															
<u>Nephral 300ST</u> *Caution w/ ACEI	Acrylonitrile (AN-69 ST)	1.3	81	40	Gamma Ray	231	204	172	106	261	226	187	111	-	Nephral 300ST
<u>Nephral 400ST</u>	Acrylonitrile (AN-69 ST)	1.65	98	50	Gamma Ray	250	220	187	124	287	246	205	131	-	Nephral 400ST
<u>Nephral 500ST</u>	Acrylonitrile (AN-69 ST)	2.15	126	65	Gamma Ray	265	237	207	143	310	269	230	153	-	Nephral 500ST
<u>Nephral 400</u>	Acrylonitrile (AN-69 ST)	1.65	99	50	Gamma Ray	250	220	187	124	287	246	205	131	-	Nephral 400ST
<u>Nephral 500</u>	Acrylonitrile (AN-69 ST)	2.15	126	65	Gamma Ray	265	237	207	143	310	269	230	153	-	Nephral 500ST
BAXTER INTERNATIONAL INC.															
<u>Exeltra 150</u>	Cellulose triacetate	1.5	95	31.50	Gamma Ray	262	242	227	152	305	274	255	163	993	Exeltra 150
<u>Exeltra 170</u>	Cellulose triacetate	1.7	105	33.80	Gamma Ray	268	252	232	160	310	286	261	172	1103	Exeltra 190
<u>Exeltra 190</u>	Cellulose triacetate	1.9	115	36.42	Gamma Ray	273	251	242	168	323	289	276	183	1214	Exeltra 190
<u>Exeltra 210</u>	Cellulose triacetate	2.1	125	47.36	Gamma Ray	287	277	252	202	350	328	292	222	1714	Exeltra 210

Dialyzer (underlined ones are on current BC contract)	Membrane (main structure)	Surface area (m ²)	Priming volume (mL)	Kuf (mL/hr/ mmHg)	Sterilization	Clearance at Qb 300, Qd 500				Clearance at Qb 400, Qd 500				KoA urea	BC Equivalent Dialyzers
						BUN	Cr	PO4	vit B12	BUN	Cr	PO4	vit B12		
<u>Xenium H11</u>	Polyethersulfone	1.1	69	59	Gamma Ray	257	233	213	148	298	261	246	161	924	Xenium H11
<u>Xenium H13</u>	Polyethersulfone	1.3	83	64	Gamma Ray	272	250	230	165	316	280	265	181	1122	Xenium H13
<u>Xenium H15</u>	Polyethersulfone	1.5	93	67	Gamma Ray	278	259	241	180	326	296	275	194	1328	Xenium H15
Xenium H17	Polyethersulfone	1.7	106	74	Gamma Ray	285	268	254	190	337	306	292	211	1545	Xenium H21 ELISIOTM-17H or M Revaclear® 400 Polyflux Revaclear MAX
Xenium H19	Polyethersulfone	1.9	115	76	Gamma Ray	288	273	258	200	345	314	305	222	1808	Xenium H21 ELISIO™-17H or M Revaclear® 400 Polyflux Revaclear MAX
<u>Xenium H21</u>	Polyethersulfone	2.1	128	82	Gamma Ray	291	275	265	206	348	326	314	228	2036	Xenium H21 ELISIO™-21H & 21M
BAXTER GAMBRO INTERNATIONAL INC.															
<u>Revaclear®-300</u>	Polyaryl ethersulfone	1.4	300	48	Steam	272	256	242	174	323	298	278	191	1186	Revaclear® 300
<u>Revaclear® 400</u>	Polyaryl ethersulfone	1.8	300	54	Steam	281	267	255	191	338	315	297	213	1439	Revaclear® 400
<u>Polyflux 6H</u>	Polyaryl ethersulfone	0.6	52	33	Steam	167	146	136	90	-	-	-	-	465	Polyflux 6H
						Clearance at Qb 200, Qd 500									
<u>Polyflux 2H</u>	Polyaryl ethersulfone	0.2	15	15	Steam	72	62	55	32	76	65	59	35	-	Polyflux 2H
						Clearance at Qb 100, Qd 300									
Polyflux Revaclear	Polyaryl ethersulfone	1.4	84	50	Steam	271	250	239	170	321	289	274	186	1167	Revaclear® 300
Polyflux Revaclear MAX	Polyaryl ethersulfone	1.8	100	60	Steam	282	265	256	191	339	311	297	211	1487	Revaclear® 400

Dialyzer (underlined ones are on current BC contract)	Membrane (main structure)	Surface area (m ²)	Priming volume (mL)	Kuf (mL/hr/ mmHg)	Sterilization	Clearance at Qb 300, Qd 500				Clearance at Qb 400, Qd 500				KoA urea	BC Equivalent Dialyzers
						BUN	Cr	PO4	vit B12	BUN	Cr	PO4	vit B12		
ASAHI KASEI MEDICAL CO.															
Rexeed-15L	Polysulfone	1.5	86	12	Gamma Ray	265	251	191	108	305	287	205	113	1045	Rexeed 15A
Rexeed-18L	Polysulfone	1.8	103	13	Gamma Ray	270	256	199	117	312	297	215	122	1145	Rexeed 18L
Rexeed-21L	Polysulfone	2.1	117	16	Gamma Ray	277	268	213	128	325	314	236	136	1321	Rexeed 21L
Rexeed 15A	Polysulfone	1.5	86	72	Gamma Ray	272	255	238	168	317	296	272	179	1190	Rexeed 15A
Rexeed 18A	Polysulfone	1.8	103	71	Gamma Ray	280	265	250	183	330	309	289	197	1415	Rexeed 18A
Rexeed 21A	Polysulfone	2.1	117	93	Gamma Ray	284	272	257	194	340	317	299	212	1569	Rexeed 21A
Rexeed 25A	Polysulfone	2.5	137	104	Gamma Ray	287	280	260	199	350	330	303	225	1714	Rexeed 25A
NIPRO MEDICAL CORPORATION															
ELISIO™-17H	Polyethersulfone	1.7	105	74	Dry Gamma	285	268	254	190	337	306	292	211	1614	Xenium H21 Revaclear®400
ELISIO™-19H	Polyethersulfone	1.9	115	76	Dry Gamma	288	273	258	200	345	314	305	222	1771	Xenium H21 Revaclear®400
ELISIO™-21H	Polyethersulfone	2.1	130	82	Dry Gamma	291	275	265	206	348	326	314	228	1976	Xenium H21
ELISIO™-17M	Polyethersulfone	1.7	108	22	Dry Gamma	270	251	221	143	318	290	246	151	1145	Xenium H21 Revaclear®400
ELISIO™-19M	Polyethersulfone	1.9	115	25	Dry Gamma	276	257	231	151	318	300	257	161	1292	Xenium H21 Revaclear®400
ELISIO™-21M	Polyethersulfone	2.1	128	27	Dry Gamma	281	263	240	158	334	309	267	170	1450	Xenium H21

Xenium +H9, H11, H13, H15, H17, H19, H21, H25 will be not be available once current inventories run out (expected run out date, mostly by December 2016)