



ENDOHM-6G (EVM-EL-03-01-01) COMPATIBILITY CHARTS

Make More Precise Measurements with Endohm Cell Culture Chambers



COMPATIBILITY CHARTS BY MANUFACTURER

Using WPI's EVOM™ Manual resistance meter, Endohm chambers provide reproducible resistance measurements of endothelial and epithelial monolayers in culture cups. The tables below show the culture cups by manufacturer which have been tested with the EVM-EL-03-01-01 (ENDOHM-6G) Cell Culture Chambers.

Corning

Corning	Millipore	Material	Membrane Diameter (mm)	Growth Surface Area (cm ²)	Membrane Pore Size (µm)
3470			6.5	0.33	0.4
3472	PITP01250		6.5	0.33	3.0
3413	PCF Insert		6.5	0.33	0.4
3415	PITP 01250 PCF Insert		6.5	0.33	3.0
3421			6.5	0.33	5.0
3422	PIEP 01250 PCF Insert		6.5	0.33	8.0
3495	PIHT12R48* PET Insert		6.5	0.33	0.4
	PIHA012 50	HA Insert	6.5	0.33	4.5
	PICM012 50	CM Insert	6.5	0.33	0.4
3496	PISP12R48* PET Insert		6.5	0.33	3.0
	PIRP12R48* PET Insert		6.5	0.33	1.0
	PIMP12R48* PET Insert		6.5	0.33	5.0
	PIEP12R48* PET Insert		6.5	0.33	8.0
	PIXP01250 PCF Insert		6.5	0.33	12
	PIHP01250				1.0
	PITT01250				3.0

* The tri-supports overhang the chamber edge and the well cannot be held parallel to the electrodes.

Thin Cert™

ThinCert™	Membrane material	Pore size [µm]	Pore density[cm-2]	Optical membrane properties	TC surface treatment /Sterile	Multiwell plates/ ThinCert™ per box
662640	PET	0.4	1 x 108	translucent	+/+	2/48
662641	PET	0.4	2 x 106	transparent	+/+	2/48
662610	PET	1.0	2 x 106	transparent	+/+	2/48
662630	PET	3.0	0.6 x 106	transparent	+/+	2/48
662631	PET	3.0	2 x 106	translucent	+/+	2/48
662638	PET	8.0	0.15 x 106	translucent	+/+	2/48

BD Falcon

BD Falcon	Membrane material	Pore size[µm]	Pore density[cm-2]	Optical membrane properti	TC plate (#wells)
353095	PET	0.4	2.0 ± 0.2 x 106	transparent	24
353104	PET	1.0	1.6 ± 0.6 x 106	transparent	24
353096	PET	3.0	8 ± 2 x 105	transparent	24
353097	PET	8.0	6 ± 2 x 104	translucent	24
353495	PET	0.4HD	100 ± 10 x 106	translucent	24
353492	PET	3.0HD	2.0 ± 0.2 x 105	translucent	24

Millicell

Millicell	Pore size (µm)	Qty/pk
MCHT24H48	0.4	48
MCRP24H48	1.0	48
MCSP24H48	3.0	48
MCMP24H48	5.0	48
MCEP24H48	8.0	48

Nunc

Nunc	Pore size (µm)	Qty/pk
140620	0.4	0.47
140627	3.0	0.47
140629	8.0	0.47