



# ENDOHM-12G (EVM-EL-03-01-02) 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-03-01-02 (ENDOHM-12G) Cell Culture Chambers.

### Corning

| Corning | Millipore                              | Membrane Diameter (mm) | Growth Surface Area (cm²) | Membrane Pore Size (µm) |
|---------|----------------------------------------|------------------------|---------------------------|-------------------------|
| 3401    |                                        | 12                     | 1.12                      | 0.4                     |
| 3402    | PITP01250                              | 12                     | 1.12                      | 3.0                     |
|         | PITT01250                              | 12                     | 1.12                      | 3.0                     |
| 3493    |                                        | 12                     | 1.12                      | 0.4                     |
| 3494    |                                        | 12                     | 1.12                      | 3.0                     |
| 3460    | PIHT15R48*<br>PET Insert               | 12                     | 1.12                      | 0.4                     |
|         | PIRP15R48*<br>PET Insert               | 12                     | 1.12                      | 0.1                     |
| 3462    | PISP15R48*<br>PET Insert               | 12                     | 1.12                      | 3.0                     |
|         | PIMP15R48*<br>PET Insert               | 12                     | 1.12                      | 5.0                     |
|         | PIEP30R48*<br>PIEP15R48*<br>PET Insert | 12                     | 1.12                      | 8.0                     |

\* The tri-supports legs must be balance correctly so that the filter is parallel to the electrodes.

### ThinCert™

| ThinCert™ | Membrane material | Pore size [µm] | Pore density [cm-2] | Optical membrane properties | TC surface treatment/ Sterile | Multiwell plates/ ThinCert™ per box |
|-----------|-------------------|----------------|---------------------|-----------------------------|-------------------------------|-------------------------------------|
| 665640    | PET               | 0.4            | 1 x 108             | translucent                 | +/+                           | 4/48                                |
| 665641    | PET               | 0.4            | 2 x 106             | transparent                 | +/+                           | 4/48                                |
| 665610    | PET               | 1.0            | 2 x 106             | transparent                 | +/+                           | 4/48                                |
| 665630    | PET               | 3.0            | 0.6 x 106           | transparent                 | +/+                           | 4/48                                |
| 665631    | PET               | 3.0            | 2 x 106             | translucent                 | +/+                           | 4/48                                |
| 665638    | PET               | 8.0            | 0.15 x 106          | translucent                 | +/+                           | 4/48                                |

### BD Falcon

| BD Falcon | Membrane material | Pore size [µm] | Pore density[cm-2] | Optical membrane properties | TC plate (#wells) |
|-----------|-------------------|----------------|--------------------|-----------------------------|-------------------|
| 353180    | PET               | 0.4            | 2.0 ± 0.2 x 106    | transparent                 | 12                |
| 353103    | PET               | 1.0            | 1.6 ± 0.6 x 106    | transparent                 | 12                |
| 353181    | PET               | 3.0            | 8 ± 2 x 105        | transparent                 | 12                |
| 353182    | PET               | 8.0            | 6 ± 2 x 104        | translucent                 | 12                |
| 353494    | PET               | 0.4HD          | 100 ± 10 x 106     | translucent                 | 12                |
| 353292    | PET               | 3.0HD          | 2.0 ± 0.2 x 105    | translucent                 | 12                |

### Millicell

| Millicell | Pore size (µm) | Qty/pk |
|-----------|----------------|--------|
| MCHT12H48 | 0.4            | 48     |
| MCRP12H48 | 1.0            | 48     |
| MCSP12H48 | 3.0            | 48     |
| MCMP12H48 | 5.0            | 48     |
| MCEP12H48 | 8.0            | 48     |

### Nunc

| Nunc   | Pore size (µm) | Culture area (cm²) |
|--------|----------------|--------------------|
| 140652 | 0.4            | 1.13               |
| 140654 | 3.0            | 1.13               |
| 140656 | 8.0            | 1.13               |