

CultureWell™ Coverglass Removal Tool

These instructions depict how to use the CultureWell Coverglass Removal Tool 103259 to separate the coverglass from the cell culture wells CW16's (part 112358) for the permanent mounting of fixed cells or to facilitate other downstream processing methods.

1. Decant the media from the culture wells.
2. Insert CultureWell into the Removal Tool with one end parked at the closed end of the opening as shown in Figure 1(a). Align the end of the gasket on the CW16 as shown in Figure 1(b) with the thin wire in the Removal Tool shown in Figure 1(c). Lower the raised end of the CW16 until the gasket and wire engage as shown in Figure 1(b,c).



Figure 1

3. Apply gentle downward pressure to the top of the CultureWell™ and push it forward as shown in Figure 2 to slice the wire through and separate the gaskets.

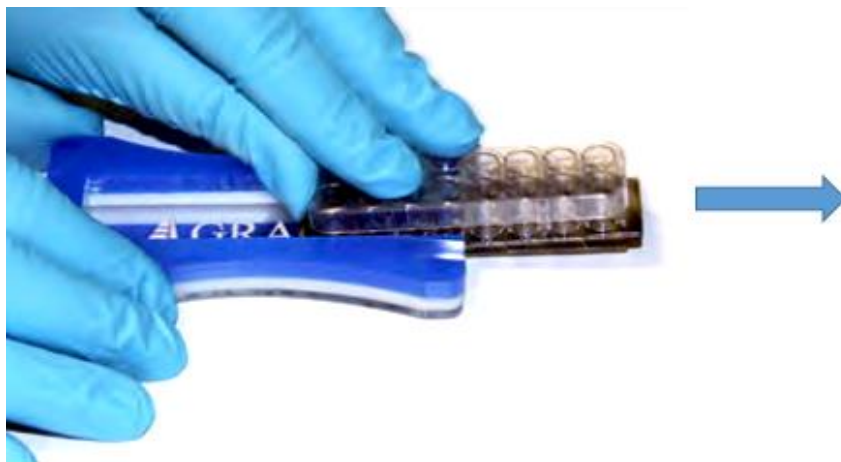


Figure 2

4. Continue pushing forward until the CultureWell moves past the wire.



Figure 3

5. Gently separate the gasketed coverglass from the upper structure as shown in Figure 4.



Figure 4

Small volume incubation may be performed using the wells formed by the silicone. Aqueous mounting of specimens may be performed with the wells in place, by filling wells with media and pressing a coverglass or microscope slide to the gasket surface.

6. To remove the silicone gasket from the coverglass, peel slowly at a sharp angle to the glass as shown in Figure 5.



Figure 5

To view a video on the use of these products, please visit our website at www.gracebio.com and search under part 103259 (CultureWell Coverglass Removal Tool).