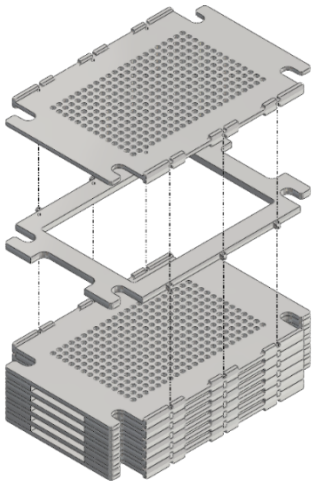
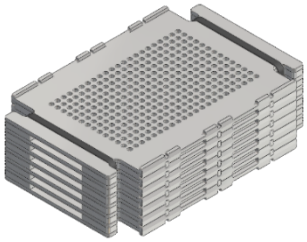
Holder for 6 Slices

C12011 - 1.5 Φ
C12021 - 0.6 Φ

- 7 Mesh Plates (1.5 Φ or 0.6 Φ)
- 6 Spacers for 1 Slice
- 3 Silicone Rings





Product Description

Mesh Plate

Materials	Polycarbonate
Perforations	1.5 Φ or 0.6 Φ

Spacer for 1 Slice

Material	Polycarbonate
Well area (L x W)	53 x 35 mm
Well depth	2 mm

The Holder for 6 Slices can be assembled by stacking Spacers for 1 Slice between mesh plates to hold up to 6 slices. This holder is designed for use with the X-CLARITY™ Tissue Clearing System.

Directions for Use

1. Connect a spacer to a mesh plate. Place a sample in the well. Put a mesh plate on top and snap into place to hold the samples. Sandwich up to 6 spacers to hold up to 6 slices. Secure the holder on both sides with silicone rings.

2. Slowly lower the holder into an X-CLARITY™ ETC Chamber that has enough Electrophoretic Tissue Clearing Solution to just submerge the samples. Gently tap the holder to dislodge any trapped bubbles. Bubbles will impede the flow of electric current and ultimately affect tissue clearing.

3. Run the X-CLARITY™ Tissue Clearing System at the following settings:

Holders	Current*	Temp	Pump	Time
Holder for 36 Mouse Brain Slices C12010 - 1.5 Φ C12020 - 0.6 Φ	0.8-1.2 A	37° C	100 rpm	Varies**
Holder for 6 Slices C12011 - 1.5 Φ C12021 - 0.6 Φ	0.8-1.2 A	37° C	100 rpm	Varies**
Holder for 1 Sample C12012 - 1.5 Φ C12022 - 0.6 Φ	1.0-1.4 A	37° C	100 rpm	Varies**
Holder for 6 Mouse Brains C12013 - 1.5 Φ C12023 - 0.6 Φ	0.8-1.2 A	37° C	100 rpm	Varies**
Holder for 48 Samples C12014 - 1.5 Φ C12024 - 0.6 Φ	0.6-1.0 A	37° C	100 rpm	Varies**
Holder for 192 Samples C12015 - 1.5 Φ C12025 - 0.6 Φ	0.2-0.6 A	37° C	100 rpm	Varies**

**Current settings will need to be optimized based on how many samples are stacked together and desired clearing speed.*

***Clearing time will depend on various factors such as the number of samples being cleared, how tissues were processed prior to clearing, and tissue type.*

4. *(Optional)* Flip the holder from top to bottom halfway through the run. Clearing speed can vary depending on sample location within the holder because of the temperature difference at the top and bottom of the ETC Chamber due to convective heat transfer.

5. After tissue clearing, remove the silicone rings from the holder. Remove one mesh plate at a time to retrieve samples. If samples are stuck to the mesh plate, gently rinse with distilled water to dislodge them.

Product Care

Rinse components with tap water followed by 70% ethanol. Air dry.

Disclaimer

This product is for research use only.

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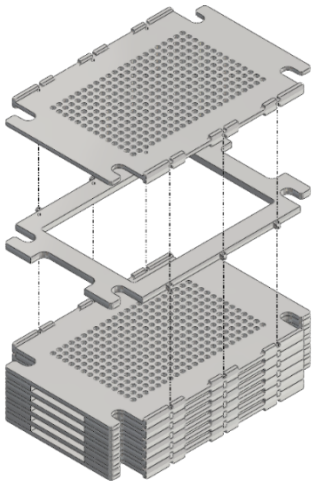

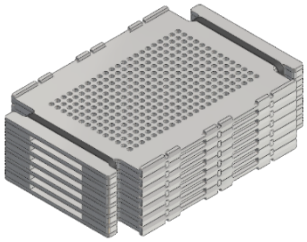

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