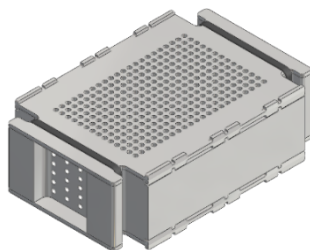
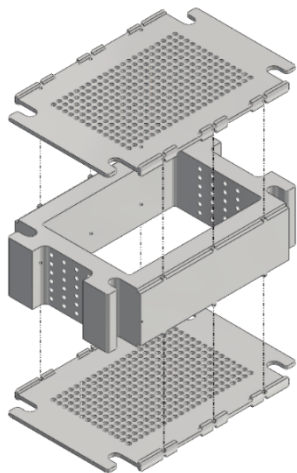


Holder for 1 Sample

C12012 - 1.5 Φ
C12022 - 0.6 Φ

- 2 Mesh Plates (1.5 Φ or 0.6 Φ)
- 1 Spacer for 1 Sample
- 3 Silicone Rings



Product Description

Mesh Plate

Materials Polycarbonate
Perforations 1.5 Φ or 0.6 Φ

Spacer for 1 Sample

Material Polycarbonate
Well area (L x W) 53 x 35 mm
Well depth 20 mm

The Holder for 1 Sample can be assembled by placing a Spacer for 1 Sample between mesh plates to hold one sample. 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. 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 the sample. If the sample is stuck to the mesh plate, gently rinse with distilled water to dislodge it.

Product Care

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

Disclaimer

This product is for research use only.



HEADQUARTERS

FL 3
28 Simindaero 327beon-gil, Dongan-gu
Anyang-si. Gyeonggi-do 14055
South Korea

Tel: +82 (31) 478-4185

USA

7700 Little River Turnpike STE 207
Annandale, VA 22003
USA

Tel: +1 (703) 622-4660, +1 (703) 942-8867

EUROPE

1 allée Lavoisier 59650 Villeneuve d'Ascq
France

Tel: +33 (0)3 74 09 44 35

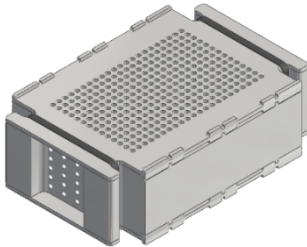
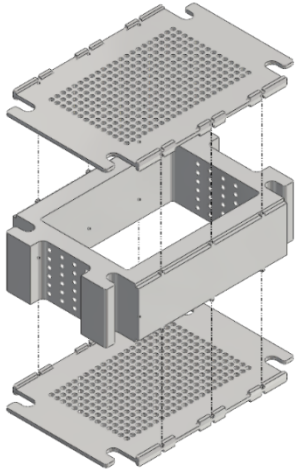
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