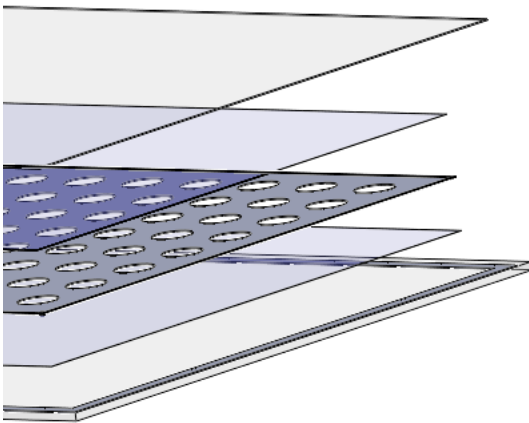




IMISX™ Plate Kit

Includes components for 20 IMISX plates

Cat. No.	Amount
CPL-162	20 pcs.



IMISX™ Plate Layer View

For general laboratory use.

Shipping: shipped at ambient temperature

Storage Conditions: store at ambient temperature

Shelf Life: n/a

Description:

The IMISX™ Plate is designed to perform *in meso in situ* serial X-ray crystallography of soluble and membrane proteins [1].

The 96-well dual-sandwich IMISX™ Plate can be easily setup by hand or with an LCP dispensing robot. An SBS standard 96-well microplate footprint makes this plate compatible with standard robots and imagers.

By combining the standard LCP crystallization plate format with an advanced X-ray transparent thin-film design, the IMISX™ Plate allows for crystal growth and X-ray diffraction data collection like never before.

Content:

- 20 Glass LCP base plates with perimeter gaskets installed
- 20 Glass LCP top cover plates
- 40 Ultra Thin LCP Films (with protective liners) for inner sandwiches
- 20 96-well adhesive gaskets for LCP Film sandwiches
- 1 *in situ* Goniometer Adaptor & holder
- 5 Goniometer Adaptor mounting gaskets
- 1 Bottle of Silanization fluid
- 6 Clean wipe applicators
- Instructions

Technical Specifications

Base Plate (outer sandwich bottom)

Material: Glass

Thickness: 1.1 mm

Length: 127.7 mm

Width: 85.5 mm

Notes: SBS standard, works with robots and storage hotels

Thin Film (inner sandwich top and bottom)

Material: UV and X-ray transparent Polymer

Thickness: 25 µm

Length: 112 mm

Width: 77 mm

Top Plate (outer sandwich top)

Material: Glass

Thickness: 150 µm

Length: 124 mm

Width: 88 mm

96-Well Adhesive Gasket

Material: Double-sided adhesive gasket

Well diameters: 5.0 mm

Thickness: 140 µm

Length: 112 mm

Width: 77 mm



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Selected References:

[1] Huang *et al.* (2015) *In meso in situ* serial X-ray crystallography of soluble and membrane proteins. *Acta Cryst D* **71**:1238.

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