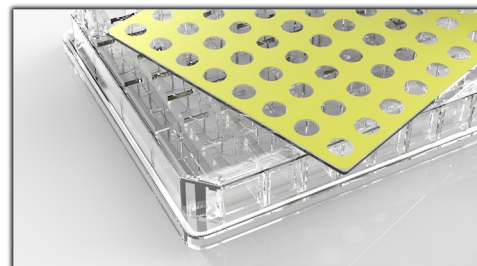
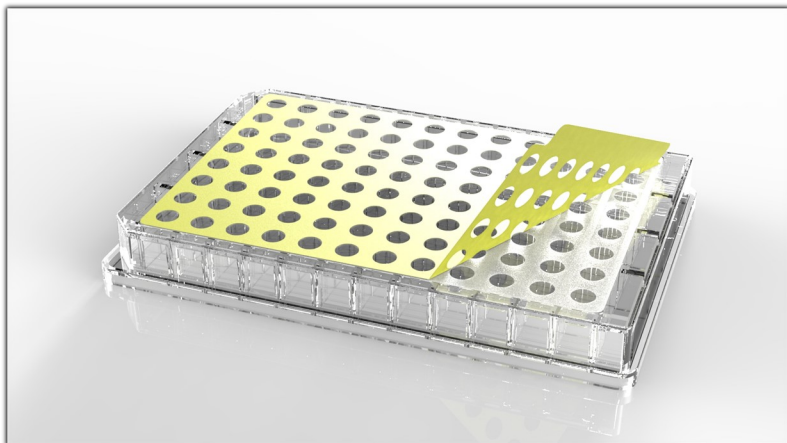


## About

The Lipidic Cubic Phase Crystallisation (LCP) kit facilitates the automation and increased throughput of LCP crystallisation set-ups. This novel system enables LCP screening to be performed accurately and with ease using manual or automated systems to complete the delivery of the solutions.

The Swissci LCP kit ensures crystallography set-up is fast, cost effective and robotically adaptable. In addition Ultra Violet light can be used with the glass / UVP polymers to visualise proteins without the light scattering associated with traditional polymeric solutions.

The LCP technique for crystallising membrane proteins can be difficult and time-consuming to set up as it utilises highly viscous lipid mesophases to reconstitute proteins. Swissci AG and MRC overcame these problems with the LCP kit. This product combines an easy to use sandwich system with dedicated coupling tapes and thin film UVP cover plates. It conforms to ANSI/SLAS 1-2004-Standards and thus is perfect for modern automation applications where high throughput is required.



### FACTS

- ANSI/SLAS 1-2004 Standard
- Maximum volume of drop 1.6 microlitres.

### FEATURES

- The product comprises of a 700 micron UVP Base + 100 micron Pressure Adhesive with a 96 Way Tray that it fits into. A separate 100 micron UVP Cover Film with protective dust cover for each kit and a Swissci Sealing Paddle.

## The advantages of the LCP kit

- Ready to use the plate fits laboratory robotics and uses a Swissci unique polymer to ensure UV visualisation is not compromised by polarisation.
- Easy sealing with dry tabbed adhesive tape exposure and thin UVP cover film. Included in the kit is a plate levelling device to ensure the cover is perfectly adhered to the bottom LCP plate.
- No cross contamination and ANSI/SLAS 1-2004-Standard.
- Sandwich plate can be easily removed from the base plate when required - in-situ X-ray data collection and structure determination is then enabled.

### Order Information

**Item:** Lipid Cubic Phase Kit

**Code:** LCP96T-UVP70U

**Details:** 20 x kits and 1x paddle

**Contact:** sales@swissci.com

**Web:** www.swissci.com