

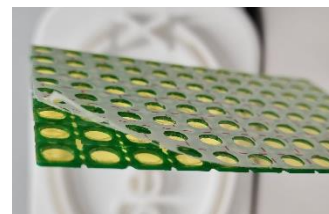
## Protocol for Using Serial FiX Platform

1. Remove the cover of adhesive layer on the 96-well screen and lay it over a smooth surface.
2. Set-up drops (total 1.5 microlitres) in the centre of each circle of the X-ray transparent film.
3. Flip it carefully over the 96-well plate containing reservoir / crystallization solution. Press the platform for tight bonding. Cover the plate with lid.
4. Crystals could be monitored on the frame directly under the microscope.
5. After crystals appear on the chips, cut them using a scalpel (along with the adhesive), and sandwich immediately with complementary chips.

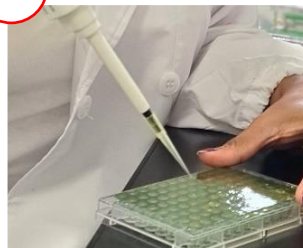
### Note:

- a) Use a bench-top humidifier to prevent drying of samples, when crystallization might take a long time or solutions contain volatile reagents.
  - b) If small number of drops are to be set-up, cut the 96-well platform into smaller parts. You may store the remaining platform for further use.
  - c) For step 5, these chips can be used for loading crystals obtained by other methods.
6. Store sandwiched chips in a cassette holder (supplied) and insert it into a 15mL tube containing a pre-soaked cotton or paper to maintain a humid environment.
  7. Take one sandwich chip, and gently press against the Serial X holder. Insert a magnet supplied with the holder. The set-up is ready to mount on the goniometer for data-collection.

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