



Sandwich Box, with cover - 40/cs

Sitting drop crystallization, Seeding, Heavy atom soaks, Cryo transfers, Large drops to produce large crystals for neutron diffraction studies

Product codes:

Reference: HR 3132

Product gallery:



Product description:

- Siliconized, 9 well glass plates
- Concave wells
- Polystyrene box and support

When setting up a Sandwich Box, one pipets 25 ml of crystallization reagent or dehydrant into the bottom of the Sandwich Box, then places a support into the box. The 9 well depression plate is placed upon the support. Drops of sample and reagent are pipetted into the depressions and the lid of the Sandwich Box is sealed closed with vacuum grease.

Why Sandwich Boxes? They allow one to use very, very large drops. They are optically superior to plastic plates and glass slides, and offer different equilibration kinetics than other crystallization plates. Each of the Sandwich Box components can be washed and reused so there is little waste with the Sandwich Box Setup. These plates can be used during screening and optimization, but are best suited for final optimization and production of crystals. Since the glass plates can be removed from the boxes, crystal mounting is convenient.

The siliconized 9 well depression plates are also useful for heavy atom soaks, cryo solution dilution and transfers, and seeding experiments where serial dilutions are involved. Sandwich Box Setups are available as a complete set or as individual components so one can customize the system to meet their needs. Square cover slides can be used to seal individual reservoirs but are



not typically used in a crystallization setup. The Sandwich Box Setup consists of a square plastic box (4 5/16" x 4 5/16" x 1 1/8"), a polystyrene plate support, and a siliconized, glass plate (4" L x 3 3/8" W (100 mm x 85 mm)) with nine concave depressions (7/8" O.D. x 1/4" D (22 mm x 7 mm)).

Drop sizes up to 800 microliters are possible with the Sandwich Box Setup.

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Product features:

CRF - TIPO: 9 Well Glass Plate & Sandwich Box Setup;