MembFac HT - 1 ml, Deep Well block format - 1 ml

Primary sparse matrix crystallization screen for membrane proteins and samples with limited solubility

Product codes:

Reference: HR 2137

Product gallery:

Product description:

- BS microplate footprint & standard well spacing
- Optically clear wells provide for superior crystal imaging
- Well layout makes crystal harvesting easier
- 3 wells are ideal for optimizing protein concentration, additive screens, drop ratio and combinatorial experiments
- Rounded reservoir corners to prevent reservoir (MPD) creep
- Plate Material: Cyclic Olefin
- UV transmissible and low birefringence

Art Robbins Instruments has developed the ideal family of plates for crystallography applications: the Intelli-Plate. All versions of the Intelli-Plate have the SBS microplate footprint and standard well spacing and are ideal for manual or automated processing.

The CrystalMation Intelli-Plate 96-3 low-profile crystallization plate (Art Robbins 102-0001-13 Hampton Research HR3-118 and HR3-119) is a low profile version of the Intelli-Plate 96-3 LVR, Low Volume Reservoir (Art Robbins 102-0001-03 Hampton Research HR3-183 and HR3-185). The plate is designed for sitting drop vapor diffusion crystallization experiments. It is constructed from optically clear, UV-transmissible, chemically resistant plastic with superior low birefringence.

The low-profile construction allows for higher density in plate storage and imaging systems, maximizing your investment and valuable space.
The plate is designed to be a substantial improvement in existing low-profile plates, allowing for superior sealing due to thicker well design and a flat sealing surface. It has been built to the SBS (Society for Biomolecular Screening) standard dimensions with 8 vertical wells along the left side of the plate (A-H) and 12 horizontal wells along the top of the plate (1-12). It is compatible with automated instrumentation including the CrystalMation line of instruments from Rigaku. The plate features three identical sized sample drop wells per reservoir. The wells are concave depressions along the left side (Y-axis) of the plate and are located on the ledge above the adjacent, flat bottom reagent reservoir.

Each well features a round bottom for easy crystal harvesting and can hold up to 1 µl of sample. The multiple well design allows for combinatorial experiments, complex co-crystallization experiments for ligand screening, or for drop concentration variation. The reagent reservoir is typically filled with 50 to 70 µl of reagent. Reservoir volume: 100 µl max. Drop well volume: 1 µl max. Plates are made of cyclic olefin. UV transmissible and low birefringence.

Per maggiori informazioni visita il sito https://hamptonresearch.com/

Product features:

CRF - TIPO: MembFac HT