

Important Products....at a glance....

Product	Description
Additive Screen 96 solutions 0.5ml each in a 96well block	EBS-ADDIT-1 ADDit™ Additive Screen in 96 Well Block Plate: The ADDit™ Additive Screen is a set of 96 different small molecule and salt solutions that have been found to be effective in aiding the crystallization of biological macromolecules. .5 ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover.
JCSG+ Crystallization Screen, 1.0 ml in 96 deep-well block plate	The JCSG+™ protein crystallization screen is designed for quick screenings of initial crystallization and solubility conditions for biological macromolecules. JCSG+™ covers a range of crystallization formulations of varying buffers, salts, precipitants, and pH. The buffers used give final solution pHs between 4.2 and 10.5. Many different precipitants are used, including volatile reagents such as ethanol, high molecular weight polymers such as PEG-8000, and salts such as ammonium sulfate.
Cryo I&II Crystal Growth Kit, 96 conditions in a 96 well block plate - 1.0 ml per well	EBS-BCY Cryo I&II in 96 Well Block Plate: The full 96 unique formulations of the Cryo I and II screens. Every formulation will flash-freeze to a clear amorphous glass in liquid nitrogen or in the cryo-stream at 100K. 1.0 ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover. US PATENT 6,267,935.
Precipitant Synergy Expanded 192 in a 96 well Block. 1.0ml ea	The Expanded 192 Precipitant Synergy formulation set contains the Precipitant Synergy Primary set of 64 unique formulations, each with a synergistic combination of two precipitating agents used to rapidly obtain crystallization hits. It also contains an additional 128 formulations that cover 67% and 33% dilutions of the precipitating agents in the Primary 64 formulations, while maintaining the other buffer and additive concentrations at the 100% level.
Precipitant Synergy in a 96well block 64 formulations 1.0ml each.	Precipitant Synergy™ Primary 64 in 96 Well Block Plate: Contains the Precipitant Synergy Primary set of 64 unique formulations, each with a synergistic combination of two precipitating agents used to rapidly obtain crystallization hits. 1.0ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover. Licensed Exclusively from Columbia University. Patent Pending.
Wizard I&II Crystal Growth Kit, 96 conditions in a 96 well block plate - 1.0 ml per well	Wizard™ I&II in 96 Well Block Plate: The full 96 unique formulations of the Wizard I and II screens. 1.0 ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover. US PATENT 6,267,935.
Wizard III Crystal Growth Kit, 48 conditions in a 96 well block plate - 1.0 ml per well	Wizard™ III in a 96 Well Block Plate: The 48 unique formulations of the Wizard III screen which have been proven to be highly effective for use in the initial screening of biological macromolecules (Page, R. et al. Acta Cryst. (2003) D59, 1028-1037; Wooh, J.W., Kidd, R.D., Martina, J.L., and Koba, B. Acta Cryst. (2003) D59, 769-772. 1.0 ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover.
Wizard I, II, & III random sparse matrices, 1.0 ml block	Wizard™ I, II and III in 96 Well Block Plate: The full 96 unique formulations of the Wizard I and II screens along with the 48 published formulations of Wizard III. 1.0 ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover. US PATENT 6,267,935.
Cubic LCP Kit	The complete LCP Kit contains all tools, formulations, and lipid to prepare micro-crystallization experiments according to the LCP micro method. Biological macromolecules are first incorporated into a lipidic material (LCP), and in a second step the LCP is dispensed in portions of approximately 200 nanoliters. The LCP forms spontaneously and acts as a matrix supporting the crystallization of soluble and membrane proteins.

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Complete OZMA PEG 48-Salt Screen Suite with OZMA PEG 1K, 4K, 8K, 10K 48-Salt Screens. 1.0ml final volume per condition delivered in two 96 Deep-Well blocks with reusable capmats	<p>EBS-PEG-48BLK Full Ozma™ PEG-Series 48-Salt in 2 x 96 Well Matrix Block Plates: Contains 192 unique formulations comprising all 4 sets of our Ozma PEG 1K, 4K, 8K, and 10K screens, each with 48 different salts. Used for the crystallization of biological macromolecules in PEG-1000, PEG-4000, PEG-8000 and PEG-10,000 by varying the salt type. 1.0 ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into a sterile 96 deep well matrix block plate that is sealed with a sterile reusable Matte cover. Use in combination buffers covering pH ranges from 2.4 to 11.5 that comprise our pHat Buffer Screen to further expand the crystallization possibilities.</p>
pHat buffer screen in 96 well block, 1.0mL.	<p>EBS-PHAT-B1 pHat™ Buffer Screen in 96 Well Block Plate: The pHat™ Buffer Screen is a set of 96 different buffer solutions encompassing 12 different buffer systems at 8 different pHs each ranging in steps of 0.4 pH units</p>
Precipitant Synergy Screen Expanded 10ml per condition	<p>The Expanded 192 Precipitant Synergy formulation set contains the Precipitant Synergy Primary set of 64 unique formulations, each with a synergistic combination of two precipitating agents used to rapidly obtain crystallization hits. It also contains an additional 128 formulations that cover 67% and 33% dilutions of the precipitating agents in the Primary 64 formulations, while maintaining the other buffer and additive concentrations at the 100% level. 10ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into sterile 15 ml tubes. Licensed Exclusively from Columbia University. Patent Pending.</p>
Precipitant Synergy Screen Primary 64 10ml each.	<p>Precipitant Synergy™ Primary 64: Contains the Precipitant Synergy Primary set of 64 unique formulations, each with a synergistic combination of two precipitating agents used to rapidly obtain crystallization hits. 10ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into sterile 15 ml tubes. Licensed Exclusively from Columbia University. Patent Pending.</p>
Wizard I&II Crystal Growth Kit, 96 conditions in 15ml tubes - 10 ml per tube.	<p>The full 96 unique formulations of the Wizard I & II random sparse matrix for the crystallization of biological macromolecules. 10ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into sterile 15 ml tubes. Includes 4 ml each of a Light Silicone Oil (DC-200 BDH#630024N) and a Heavy Paraffin Oil (Fluka #76235) for use in modulating vapor diffusion rates. US PATENT 6,267,935.</p>
EBS-WIZ-III	<p>Complements our Wizard™ I&II random sparse matrices with 48 new highly effective formulations for protein crystal growth. This solution set is comprised of 48 published conditions, which have been proven to be highly effective for use in the initial screening of biological macromolecules (Page, R. et al. Acta Cryst. (2003) D59, 1028-1037; Wooh, J.W., Kidd, R.D., Martina, J.L., and Koba, B. Acta Cryst. (2003) D59, 769-772. 10ml each prepared with ultra-pure chemicals and water (18.2 Megohm-cm) followed by sterile 0.22 micron filtration into sterile 15 ml tubes.</p>
MPCS CrystalCard 400.2, 10 pack.	<p>The MPCS CrystalCard 400.2 is a plastic microchip that embodies 2, 3+1 mixers and storage microcapillaries. CrystalCard 400.2 allows formation of fine gradients for crystal optimization and can hold up to 800 separate crystallization experiments. Crystals grown in the CrystalCard 400.2 are Diffraction-Ready™ and can be extracted from the CrystalCard for traditional cryopreservation and diffraction or can be analyzed while remaining in the CrystalCard via in situ diffraction. The CrystalCard 400.2 is 1" X 3" (25.4 mm X 76.2 mm) and 4 CrystalCard 400.2's fit into 1 MPCS CrystalCard storage frame (SBS format). The CrystalCard 400.2 is packaged in quantities of 5.</p>
Reusable connectors for plastic CrystalCards. 8 pack.	<p>The MPCS CrystalCard 400.2 Connectors are plastic connections that establish an interface between the MPCS-Beta Syringe Tubing and the MPCS CrystalCard 400.2. They come in packs of 8 connectors.</p>

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