

Corning® Next Generation CrystalEX™ Protein Crystallization Microplates



CORNING
Discovering Beyond Imagination

Life
Sciences

96 Well CrystalEX Microplates – Optimized for High Throughput Sitting Drop Protein Crystallization

- ▶ Conforms to SBS specifications for full compatibility in automated crystal screening
- ▶ Multiple formats and versatility for custom options to maximize crystal formation, identification and analysis, and harvesting

96 Well CrystalEX Microplates – Specially Suited for Your Applications

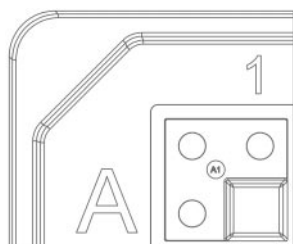
- ▶ Choose from five unique protein well shapes
- ▶ Available in two materials, including a special zero polarization polymer (PZero)
- ▶ Options include 1, 3, or 5 protein wells per reservoir well

The Difference is Clear

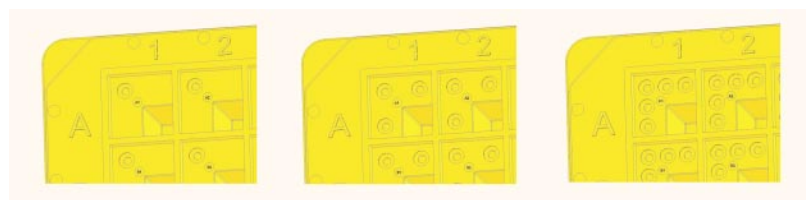
- ▶ PZero polymer provides for zero background polarization and nonbirefringence
- ▶ High clarity protein wells for optimal microscopic crystal viewing
- ▶ Reservoir numbers are embossed on each individual well for easy identification

Next Generation CrystalEX™ Microplate Designs

One reservoir well is flanked by either one, three, or five protein wells, with SBS-standard spacing between the centers of adjacent well clusters.



Alphanumeric markers in each well cluster for easy identification under the microscope.

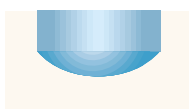


1 Protein Well
1 Reservoir

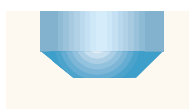
3 Protein Wells
1 Reservoir

5 Protein Wells
1 Reservoir

Five different protein well shapes are available:



Round Bottom



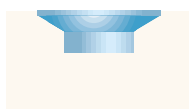
Conical Flat Bottom



Flat Bottom



2 µL Conical Flat –
Crystal Cup*



1 µL Conical Flat –
Crystal Cup*

*The crystal cup facilitates collection and centering of the protein crystals after incubation.

Corning® Next Generation CrystalEX Microplates Ordering Information

Cat. No.	Protein Well Size	Protein Well Shape	No. of Protein Wells	Material	Treated	Qty/ Pk	Qty/ Cs
3556	4 µL	Round	1	COC	No	10	50
3551	4 µL	Conical flat	1	COC	Yes*	10	50
3552	2 µL	Round	3	PZero	No	10	50
3553	2 µL	Conical flat	3	PZero	No	10	50
3554	2 µL	Flat	3	PZero	No	10	50
3555	2 µL	Conical flat – crystal cup	3	PZero	No	10	50
3550	1 µL	Conical flat – crystal cup	3	PZero	No	10	50
3557	1 µL	Conical flat – crystal cup	5	PZero	No	10	50

*Surface processed for hydrophilicity.



Corning Universal Optical Sealing Tape

Accessory for CrystalEX Microplates

Cat. No.	Description	Qty/Pk	Qty/Cs
6575	Universal Optical Sealing Tape	100	100

To obtain a free validation sample pack, please contact your local sales representative or contact Corning customer service directly at 800.492.1110. Outside the United States, please call +1.978.635.2200 or contact your local Corning sales office listed below.

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