

Storage



Axygen® Storage Products

Automation has greatly streamlined many standard lab tasks, including liquid handling and sample manipulation. However, these same methods have also increased the need for precisely engineered and consistently manufactured lab consumables. Count on Corning to be at the forefront of new product R&D and manufacturing improvements, ensuring your complete satisfaction with every item.

Assay Plates and Deep Well Microplates are used for sample collection, in vitro growth chambers and long-term storage. Made of polypropylene, they offer excellent chemical resistance and will withstand temperatures down to -80°C.

Axygen products are manufactured in a clean, controlled “state of the art” facility and are RNase-/DNase-/human gDNA-free and nonpyrogenic.



Australian distributors:
Fisher Biotec Australia
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Deep Well and Assay Plates

Axygen® assay and deep well plates are used for sample collection, *in vitro* growth chamber, and long-term storage. Made of polypropylene. They offer excellent chemical resistance and will withstand temperatures down to -80°C.

- ▶ Standard ANSI/SLAS footprint with centrifugation to 4,000 RCF
- ▶ Diamond-shaped wells allow complete sample recovery and ultra flat surface ensures proper sealing of heat film.
- ▶ Plates and mats are bulk packaged.
- ▶ 24-well plates and mats are available in black and white by special order.
- ▶ 96-well microplates and mats are clear.

24-well Plates

Cat. No.	Description	Volume to Brim of Well (mL)	Working Volume (mL)	Volume with AxyMat (mL)	Packaging
P-DW-10ML-24-C	10 mL, 24-well deep well plate, square wells	11	10	–	5/pk, 5 pk/cs
P-DW-10ML-24-C-S	10 mL, 24-well deep well plate, square wells, sterile	11	10	–	5/pk, 5 pk/cs
AM-24-SQ	Pierceable sealing mat for 24-well deep well plates, square wells	–	–	9	10/pk, 5 pk/cs

48-well Plates

P-5ML-48-C	5 mL, 48-well deep well plate, rectangular wells	4.9	4.6	–	5/pk, 5 pk/cs
P-5ML-48-C-S	5 mL, 48-well deep well plate, rectangular wells, sterile	4.9	4.6	–	5/pk, 5 pk/cs
AM-48-IMP	Chemically resistant sealing mat for 5 mL 48-well deep well plates	–	–	4.0	10/pk, 5 pk/cs

96-well Microplates

P-1ML-SQ-C	1.1 mL, 96 square well deep well microplate	1.6	1.4	–	5/pk, 10 pk/cs
P-1ML-SQ-C-S	1.1 mL, 96 square well deep well microplate, sterile	1.6	1.4	–	5/pk, 5 pk/cs
AM-2ML-SQ-IMP	Chemically resistant sealing mat for 1.1 mL 96-well deep well microplates, square wells	–	–	1.1	10/pk, 5 pk/cs
P-2ML-SQ-C	2.2 mL, 96-well deep well microplate, square wells	2.3	2.2	–	5/pk, 5 pk/cs
P-2ML-SQ-C-S	2.2 mL, 96-well deep well microplate, square wells, sterile	2.3	2.2	–	5/pk, 5 pk/cs
AM-2ML-SQ	Pierceable 96-well square well sealing mat for 2.2 mL 96-well deep well microplates, square wells	–	–	1.9	10/pk, 5 pk/cs
AM-2ML-SQ-IMP	Chemically resistant sealing mat for 2.2 mL 96-well deep well microplates, square wells	–	–	1.9	10/pk, 5 pk/cs



96-well Microplates (continued)

Cat. No.	Description	Volume to Brim of Well	Working Volume	Volume with AxyMat	Packaging
P-DW-11-C	1.1 mL, 96-well deep well microplate, round wells	1.5 mL	1.1 mL	–	5/pk, 10 pk/cs
P-DW-11-C-S	1.1 mL, 96-well deep well microplate, round wells, sterile	1.5 mL	1.1 mL	–	5/pk, 10 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplate, round wells	–	–	0.95 mL	5/pk, 10 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	0.95 mL	10/pk, 5 pk/cs
P-DW-12-HC	1.2 mL, 96-well deep well high clarity microplate	1.35 mL	1.25 mL	–	5/pk, 10 pk/cs
P-DW-12-HC-S	1.2 mL, 96-well deep well high clarity microplate, sterile			–	5/pk, 10 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplate, round wells	–	–	1.1 mL	5/pk, 10 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	1.1 mL	10/pk, 5 pk/cs
P-DW-20-C	1.6 mL, 96-well deep well microplate, round wells	1.9 mL	1.8 mL	–	5/pk, 10 pk/cs
P-DW-20-C-S	1.6 mL, 96-well deep well microplate, round wells, sterile	1.9 mL	1.8 mL	–	5/pk, 10 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplates, round wells	–	–	1.5 mL	5/pk, 10 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	1.5 mL	10/pk, 5 pk/cs
P-DW-500-C	0.6 mL to 600 μ L, 96-well deep well microplate	610 μ L	560 μ L	–	5/pk, 10 pk/cs
P-DW-500-C-S	0.6 mL to 600 μ L, 96-well deep well microplate, sterile	610 μ L	560 μ L	–	5/pk, 10 pk/cs
AM-500UL-RD	Sealing mat for 600 μ L 96-well deep well microplates	–	–	450 μ L	10/pk, 5 pk/cs



96-well Microplates (continued)

Cat. No.	Description	Volume to Brim of Well	Working Volume	Volume with AxyMat	Packaging
P-96-450R-C	550 μ L, 96-well assay round bottom microplate	550 μ L	450 μ L	–	10/pk, 5 pk/cs
P-96-450R-C-S	550 μ L, 96-well assay round bottom microplate, sterile	550 μ L	450 μ L	–	10/pk, 5 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs

P-96-450V-C	500 μ L, 96-well assay V-bottom microplate	500 μ L	450 μ L	–	10/pk, 5 pk/cs
P-96-450V-C-S	500 μ L, 96-well assay V-bottom microplate, sterile	500 μ L	450 μ L	–	10/pk, 5 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs

384-well Microplates

P-384-120SQ-C	120 μ L, 384-well deep well microplate	135 μ L	125 μ L	-	5/pk, 10 pk/cs
P-384-120SQ-C-S	120 μ L, 384-well deep well microplate, sterile	135 μ L	125 μ L	-	5/pk, 10 pk/cs
AM-384-DW-SQ	Pierceable sealing mat for 384-well microplates, square wells	–	–	90 μ L	10/pk, 5 pk/cs
AM-384-SQ-IMP	Chemically resistant sealing mat for 384-well microplates, square wells	–	–	90 μ L	10/pk, 5 pk/cs

P-384-240SQ-C	240 μ L, 384 deep well microplate "Diamond Plate," square wells	255 μ L	240 μ L	–	5/pk, 10 pk/cs
P-384-240SQ-C-S	240 μ L, 384 deep well microplate "Diamond Plate," square wells, sterile	255 μ L	240 μ L	–	5/pk, 10 pk/cs
AM-384-DW-SQ	Pierceable sealing mat for 384-well microplates, square wells	–	–	210 μ L	10/pk, 5 pk/cs
AM-384-SQ-IMP	Chemically resistant sealing mat for 384-well microplates, square wells	–	–	210 μ L	10/pk, 5 pk/cs



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