

Oro prep™ Multi-well Filter Plate



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Cobetter Oro prep™ filter plates are used for high throughput screening, analysis, and sample preparation for laboratory analysis. The filter plates are available in two specifications: 24 well and 96 well. The filter plate is made of polypropylene with wide chemical resistance, and a variety of filter membrane materials. The filter plates are compatible with high throughput sample processing.

Features

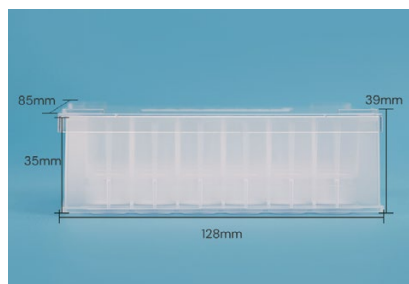
- 24-well filter plate, meeting the filtration requirements up to 7 mL of sample
- 96-well filter plate, providing 350 µL well volume for rapid sample loading
- The filter plate can be used for vacuum filtration, positive pressure filtration, and centrifugation
- Automation compatible, filter plates to be run in manual, semi-automated, and automated processes
- High throughput and rapid sample processing, low hold-up volume

Applications

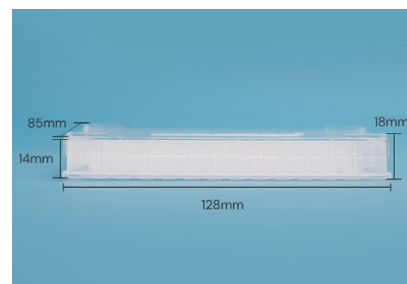
- Used for life science and analytical applications and workflows
- PES filter plate is used for aqueous filtration and particle removal, meeting the rapid processing needs of various samples
- PTFE filter plate is used for rapid filtration of organic solvents
- Natural hydrophilic regenerated cellulose ultrafiltration membrane (RC) exhibits extremely low non-specific adsorption of proteins/nucleic acids, with a target molecule recovery rate of $\geq 90\%$. It has excellent organic solvent compatibility, making it suitable for filtration of various complex samples.
- Pultrix™ XQ strong anion exchange membrane, high protein binding capacity and good repeatability. Used for rapid separation and purification of negatively charged biomolecules

Specifications

24-well Filter Plate



96-well Filter Plate



Length	128 mm	128 mm
Width	85 mm	85 mm
Height With Lid	39 mm	18 mm
Well-Bottom Area	1.6 cm ²	0.36 cm ²
Recommended Working Volume	7 mL	300 µL
Membrane	Microfiltration membranes: PES / PTFE / PVDF / Nylon Ultrafiltration membranes: RC (Regenerated Cellulose) Membrane chromatography: Pultrix™ XQ Membrane	
Plate Housing	Polypropylene (PP)	
Receiver Plate	Polypropylene (PP)	
Lid	GPPS	
Operating Vacuum	10 in. Hg	
Centrifugal Force	1000 g	
Sterilization Method	Gamma Irradiation	
Package	Individually Packaged by Double PE Bags	

96-well Filter Plate Ordering Information

Part No.	Description	Pore Size	Sterile	Qty/pk (sets)
OP96PE02BMDP	96-well, PES	0.2/0.1 µm	Non-sterile	6
OP96PE02BSDP	96-well, PES	0.2/0.1 µm	Sterile	6
OP96PED6AMDP	96-well, PES	0.2 µm	Non-sterile	6
OP96PE06ASDP	96-well, PES	0.2 µm	Sterile	6
OP96PE05BMDP	96-well, PES	0.45/0.2 µm	Non-sterile	6
OP96PE05BSDP	96-well, PES	0.45/0.2 µm	Sterile	6
OP96PE01BMDP	96-well, PES	0.65/0.2 µm	Non-sterile	6
OP96PE01BSDP	96-well, PES	0.65/0.2 µm	Sterile	6
OP96PE03BMDP	96-well, PES	0.8/0.2 µm	Non-sterile	6
OP96PE03BSDP	96-well, PES	0.8/0.2 µm	Sterile	6
OP96PE07AMDP	96-well, PES	0.45 µm	Non-sterile	6
OP96PE07ASDP	96-well, PES	0.45 µm	Sterile	6
OP96PE03AMDP	96-well, PES	0.8 µm	Non-sterile	6
OP96PE03ASDP	96-well, PES	0.8 µm	Sterile	6
OP96PE04BMDP	96-well, PES	1.5/0.8 µm	Non-sterile	6
OP96PE04BSDP	96-well, PES	1.5/0.8 µm	Sterile	6
OP96PE08AMDP	96-well, PES	1.2 µm	Non-sterile	6
OP96PE08ASDP	96-well, PES	1.2 µm	Sterile	6
OP96PE10AMDP	96-well, PES	3.0 µm	Non-sterile	6
OP96PE10ASDP	96-well, PES	3.0 µm	Sterile	6
OP96PE05AMDP	96-well, PES	5.0 µm	Non-sterile	6
OP96PE05ASDP	96-well, PES	5.0 µm	Sterile	6
OP96PE09AMDP	96-well, PES	10.0 µm	Non-sterile	6
OP96PE09ASDP	96-well, PES	10.0 µm	Sterile	6
OP96PVH01AMDP	96-well, Hydrophilic PVDF	0.2 µm	Non-sterile	6
OP96PVH01ASDP	96-well, Hydrophilic PVDF	0.2 µm	Sterile	6
OP96PVH03AMDP	96-well, Hydrophilic PVDF	0.45 µm	Non-sterile	6
OP96PVH03ASDP	96-well, Hydrophilic PVDF	0.45 µm	Sterile	6
OP96PVH09AMDP	96-well, Hydrophilic PVDF	1.0 µm	Non-sterile	6
OP96PVH09ASDP	96-well, Hydrophilic PVDF	1.0 µm	Sterile	6

96-well Filter Plate Ordering Information

Part No.	Description	Pore Size	Sterile	Qty/pk (sets)
OP96NY01AMDP	96-well, Nylon	0.2 µm	Non-sterile	6
OP96NY01ASDP	96-well, Nylon	0.2 µm	Sterile	6
OP96NY02AMDP	96-well, Nylon	0.45 µm	Non-sterile	6
OP96NY02ASDP	96-well, Nylon	0.45 µm	Sterile	6
OP96NY03AMDP	96-well, Nylon	1.0 µm	Non-sterile	6
OP96NY03ASDP	96-well, Nylon	1.0 µm	Sterile	6
OP96PTH01AMDP	96-well, Hydrophilic PTFE	0.2 µm	Non-sterile	6
OP96PTH01ASDP	96-well, Hydrophilic PTFE	0.2 µm	Sterile	6
OP96PTH02AMDP	96-well, Hydrophilic PTFE	0.45 µm	Non-sterile	6
OP96PTH02ASDP	96-well, Hydrophilic PTFE	0.45 µm	Sterile	6
OP96PT01AMDP	96-well, Hydrophilic PTFE	0.2 µm	Non-sterile	6
OP96PT01ASDP	96-well, Hydrophilic PTFE	0.2 µm	Sterile	6
OP96PT02AMDP	96-well, Hydrophilic PTFE	0.45 µm	Non-sterile	6
OP96PT02ASDP	96-well, Hydrophilic PTFE	0.45 µm	Sterile	6
CX96PPXQBMDP	96-well, Pultrix™ XQ	2-layer membrane	Non-sterile	6
CX96PPXQBSDP	96-well, Pultrix™ XQ	2-layer membrane	Sterile	6
CX96PPXQCMDP	96-well, Pultrix™ XQ	3-layer membrane	Non-sterile	6
CX96PPXQCSDP	96-well, Pultrix™ XQ	3-layer membrane	Sterile	6



24-well Filter Plate Ordering Information

Part No.	Description	Pore Size	Sterile	Qty/pk (sets)
OP24PE02BMDP	24-well, PES	0.2/0.1 µm	Non-sterile	6
OP24PE02BSDP	24-well, PES	0.2/0.1 µm	Sterile	6
OP24PED6AMDP	24-well, PES	0.2 µm	Non-sterile	6
OP24PE06ASDP	24-well, PES	0.2 µm	Sterile	6
OP24PE05BMDP	24-well, PES	0.45/0.2 µm	Non-sterile	6
OP24PE05BSDP	24-well, PES	0.45/0.2 µm	Sterile	6
OP24PE01BMDP	24-well, PES	0.65/0.2 µm	Non-sterile	6
OP24PE01BSDP	24-well, PES	0.65/0.2 µm	Sterile	6
OP24PE03BMDP	24-well, PES	0.8/0.2 µm	Non-sterile	6
OP24PE03BSDP	24-well, PES	0.8/0.2 µm	Sterile	6
OP24PE07AMDP	24-well, PES	0.45 µm	Non-sterile	6
OP24PE07ASDP	24-well, PES	0.45 µm	Sterile	6
OP24PE03AMDP	24-well, PES	0.8 µm	Non-sterile	6
OP24PE03ASDP	24-well, PES	0.8 µm	Sterile	6
OP24PE04BMDP	24-well, PES	1.5/0.8 µm	Non-sterile	6
OP24PE04BSDP	24-well, PES	1.5/0.8 µm	Sterile	6
OP24PE08AMDP	24-well, PES	1.2 µm	Non-sterile	6
OP24PE08ASDP	24-well, PES	1.2 µm	Sterile	6
OP24PE10AMDP	24-well, PES	3.0 µm	Non-sterile	6
OP24PE10ASDP	24-well, PES	3.0 µm	Sterile	6
OP24PE05AMDP	24-well, PES	5.0 µm	Non-sterile	6
OP24PE05ASDP	24-well, PES	5.0 µm	Sterile	6
OP24PE09AMDP	24-well, PES	10.0 µm	Non-sterile	6
OP24PE09ASDP	24-well, PES	10.0 µm	Sterile	6
OP24PVH01AMDP	24-well, Hydrophilic PVDF	0.2 µm	Non-sterile	6
OP24PVH01ASDP	24-well, Hydrophilic PVDF	0.2 µm	Sterile	6
OP24PVH03AMDP	24-well, Hydrophilic PVDF	0.45 µm	Non-sterile	6
OP24PVH03ASDP	24-well, Hydrophilic PVDF	0.45 µm	Sterile	6
OP24PVH09AMDP	24-well, Hydrophilic PVDF	1.0 µm	Non-sterile	6
OP24PVH09ASDP	24-well, Hydrophilic PVDF	1.0 µm	Sterile	6

24-well Filter Plate Ordering Information

Part No.	Description	Pore Size	Sterile	Qty/pk (sets)
OP24NY01AMDP	24-well, Nylon	0.2 µm	Non-sterile	6
OP24NY01ASDP	24-well, Nylon	0.2 µm	Sterile	6
OP24NY02AMDP	24-well, Nylon	0.45 µm	Non-sterile	6
OP24NY02ASDP	24-well, Nylon	0.45 µm	Sterile	6
OP24NY03AMDP	24-well, Nylon	1.0 µm	Non-sterile	6
OP24NY03ASDP	24-well, Nylon	1.0 µm	Sterile	6
OP24PTH0IAMDP	24-well, Hydrophilic PTFE	0.2 µm	Non-sterile	6
OP24PTH01ASDP	24-well, Hydrophilic PTFE	0.2 µm	Sterile	6
OP24PTH02AMDP	24-well, Hydrophilic PTFE	0.45 µm	Non-sterile	6
OP24PTH02ASDP	24-well, Hydrophilic PTFE	0.45 µm	Sterile	6
OP24PT01AMDP	24-well, Hydrophilic PTFE	0.2 µm	Non-sterile	6
OP24PT01ASDP	24-well, Hydrophilic PTFE	0.2 µm	Sterile	6
OP24PT02AMDP	24-well, Hydrophilic PTFE	0.45 µm	Non-sterile	6
OP24PT02ASDP	24-well, Hydrophilic PTFE	0.45 µm	Sterile	6
CX24PPXQBMDP	24-well, Pultrix™ XQ	2-layer membrane	Non-sterile	6
CX24PPXQBSDP	24-well, Pultrix™ XQ	2-layer membrane	Sterile	6
CX24PPXQCMDP	24-well, Pultrix™ XQ	3-layer membrane	Non-sterile	6
CX24PPXQCSDP	24-well, Pultrix™ XQ	3-layer membrane	Sterile	6
OP24RK04AMD	24-well, RC	10 kDa	Non-sterile	6
OP24CD01CAMD	24-well, PES + Depth Filter	4.0-9.0/0.65+0.2 µm	Non-sterile	6
OP24CD01CASD	24-well, PES + Depth Filter	4.0-9.0/0.65+0.2 µm	Sterile	6





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