

96-Well Collection Plate (PP) V-Bottom Micro Well (Round) 0.36mL

Product Description

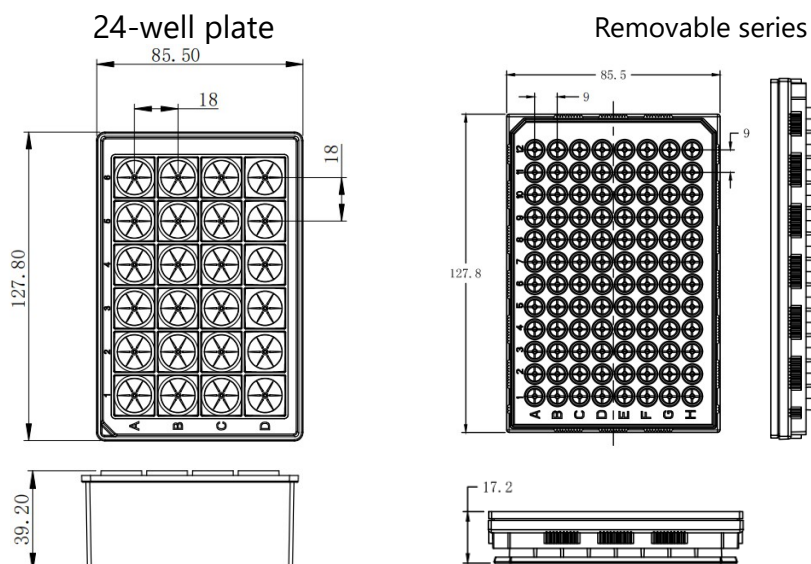
Catalog #: C2XTE0, 10 U
Name : 96-Well Collection Plate (PP) V-Bottom Micro Well (Round) 0.36mL

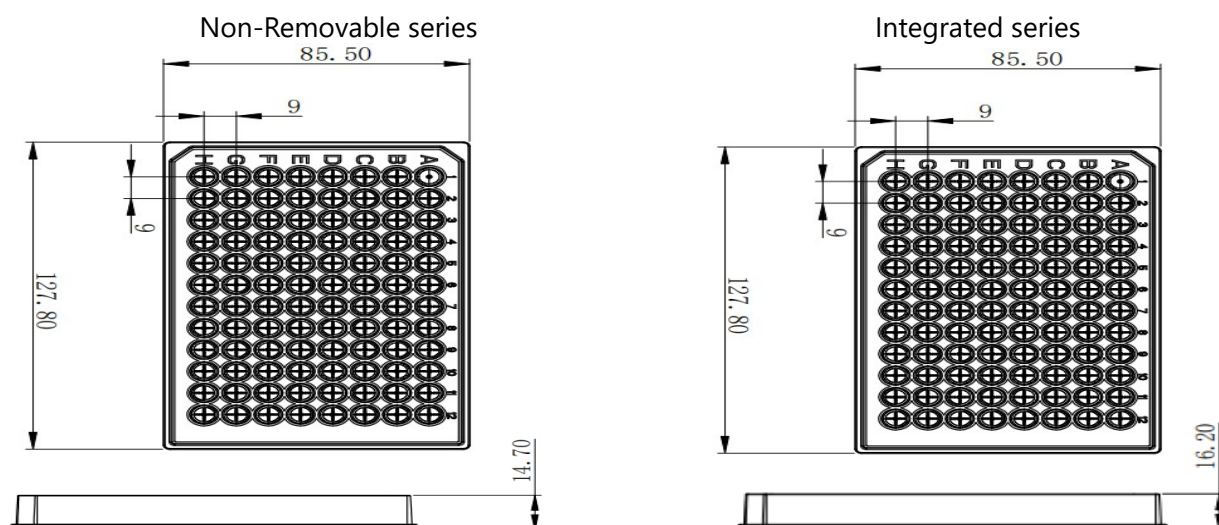
Technical and Scientific Information

Interchim is committed to providing a diverse range of Micro-Filter plate products to meet the varied needs of different industries and laboratories. They are designed for standard benchtop centrifuges and vacuum manifold and are available in 24-well, and 96-well formats. Our series of 96-well Micro-Filter Plates includes removable, non-removable, and integrated types. Each type is designed to ensure exceptional filtration performance in various application scenarios.



Dimension Information





Product Specification

Specification	Micro-Filter plate , PES, 0.225µm
Material (membrane)	PES
Hydrophilic	Hydrophobic/Hydrophilic
Volume	7mL/300µL
Material of plate	Polypropylene (PP)/Polystyrene (PS)
Sterile	Non-sterile/sterile
Pore Size	0.22µm
Type	24-well, Removable/Non-Removable Series 96-well
Applicable to (equipment)	Centrifugal and Vacuum manifold
Product Group	Microfiltration product

Solvent Compatibility Test for Micro-Filter Plates

Reagent Type	Reagent Name	Concentration	PES Membrane	MCE Membrane	Hydrophilic PTFE Membrane	Hydrophobic PTFE Membrane	Hydrophilic PVDF Membrane	Hydrophobic PVDF Membrane	Nylon	CA
Organic Solvents	Methanol	≥ AR	x	x	✓	✓	✓	x	✓	x
	Acetonitrile	≥ AR	x	x	✓	✓	x	x	✓	x
	Ethanol	≥ AR	x	x	✓	✓	✓	x	✓	x
	Isopropanol	≥ AR	✓	x	✓	✓	✓	✓	✓	x
	Glycerol	≥ AR	✓	✓	✓	✓	✓	✓	✓	x
	Ethyl acetate	≥ AR	x	x	x	x	x	x	x	x
	Hexane	≥ AR	✓	✓	✓	✓	✓	x	✓	x
	Xylene	≥ AR	x	x	x	x	x	x	x	x
	Petroleum ether	≥ AR	✓	✓	✓	✓	✓	✓	✓	✓
	Dichloromethane	≥ AR	x	x	x	x	x	x	x	x
	Chloroform	≥ AR	x	x	x	x	x	x	x	x
	Carbon tetrachloride	≥ AR	x	x	x	x	x	x	x	x
	Acetone	≥ AR	x	x	x	x	x	x	x	x
	Diethyl ether	≥ AR	x	x	x	x	x	x	x	x
	Methyl tert-butyl ether	≥ AR	x	x	x	x	x	x	x	x
	Methanol: Water	50: 50	✓	✓	✓	✓	✓	✓	✓	✓
	Acetonitrile: Water	50: 50	✓	x	✓	✓	x	✓	✓	x
Acids	Acetic acid	≥ AR	✓	x	✓	✓	✓	✓	✓	x
	25% Acetic acid	25%	✓	✓	✓	✓	✓	✓	✓	✓
	Hydrochloric acid	≥ AR	✓	✓	x	✓	✓	✓	x	✓
	25% Hydrochloric acid	25%	✓	✓	✓	✓	✓	✓	✓	✓
	Sulfuric acid	≥ AR	✓	x	✓	✓	✓	✓	x	✓
	25% Sulfuric acid	25%	✓	✓	✓	✓	✓	✓	✓	✓
	Nitric acid	≥ AR	✓	✓	✓	✓	✓	✓	✓	✓
	25% Nitric acid	25%	✓	✓	✓	✓	✓	✓	✓	✓
	Phosphoric acid	≥ AR	✓	✓	✓	✓	✓	✓	✓	x
	25% Phosphoric acid	25%	✓	✓	✓	✓	✓	✓	✓	✓
	Formic acid	AR	✓	✓	✓	✓	✓	x	✓	✓
	25% Formic acid	25%	✓	✓	✓	✓	✓	✓	✓	✓
	Trichloroacetic acid	AR	x	✓	✓	✓	✓	✓	x	✓
	5% Trichloroacetic acid	5%	✓	✓	✓	✓	✓	✓	✓	✓
Bases	5% Ammonium hydroxide	5%	✓	✓	✓	✓	✓	✓	✓	✓
	4 mol/L Sodium hydroxide	4mol/L	✓	✓	✓	✓	✓	✓	✓	✓

Membrane Selection Guide

Membrane Type	Main Applications
Mixed Cellulose Ester Membrane (MCE)	Suitable for filtering proteins and aqueous solutions in biological samples, such as blood serum medium filtration.
Polyethersulfone Membrane (PES)	Suitable for filtering cell culture media.
Nylon Membrane (NY)	Hydrophilic, high protein binding, suitable for protein-free aqueous and organic solutions; resistant to alcohol and DMSO.
Hydrophobic Polytetrafluoroethylene Membrane (Hydrophobic PTFE)	Hydrophobic, resistant to strong acids, strong bases, and high temperatures; suitable for filtering highly corrosive solutions, organic solutions, and gases.
Hydrophilic Polytetrafluoroethylene Membrane (Hydrophilic PTFE)	Used for natural product screening, solubility testing, total drug analysis, protein precipitation analysis, bead lysis, and solid-phase synthesis.
Polyvinylidene Fluoride Membrane (PVDF)	Suitable for general biological filtration; not suitable for filtering strongly corrosive liquids; not resistant to acetone, DMSO, THF, DMF, dichloromethane, chloroform, etc.
Cellulose Acetate (CA)	Suitable for filtering proteins and aqueous solutions in biological samples, such as serum and culture medium filtration.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

Please contact Biosciences – Advion-Interchim for any other information

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