

Products

Order Numbers

SARTORIUS

Size	MV*	Bed height [mm]	Optimized design	Connector type	Quantity per pack	Q (Sterile validated)	Q (Quaternary ammonium)	S (Sulfonic acid)	STIC PA (Primary amine)	HIC (Phenyl)
96-well plate	0.019 mL	0.8	-	-	2	-	99IEXQ42GC-----V	99IEXS42GC-----V	99STPA42GC-----V	99HICP42GC-----V
96-well plate	0.019 mL	0.8	-	-	10	-	99IEXQ42GC-----D	99IEXS42GC-----D	99STPA42GC-----D	99HICP42GC-----D
pico	0.08 mL	4	-	Luer female	10	-	92IEXQ42DD-11--D	92IEXS42DD-11--D	92STPA42DD-11--D	92HICP42DD-11--D
nano	1 mL	4	■	Luer female	1	-	96IEXQ42DN-11	96IEXS42DN-11	96STPA42DN-11	-
nano	1 mL	4	■	Luer female	4	-	96IEXQ42DN-11--A	96IEXS42DN-11--A	96STPA42DN-11--A	-
mini	10 mL	4	■	Luer female	4	-	96IEXQ42D4R11--A	96IEXS42D4R11--A	96STPA42D4R11--A	-
mini	10 mL	4	■	Hose barb	4	-	96IEXQ42D4ROO--A	96IEXS42D4ROO--A	96STPA42D4ROO--A	-
mini	10 mL	4	■	Sanitary 3/4"	4	-	96IEXQ42D4RFF--A	96IEXS42D4RFF--A	96STPA42D4RFF--A	-
5"	75 mL	4	■	Hose barb	4	-	96IEXQ42D9MOO--A	96IEXS42D9MOO--A	-	-
5"	75 mL	4	■	Sanitary 3/4"	4	-	96IEXQ42D9MFF--A	96IEXS42D9MFF--A	96STPA42D9MFF--A	-
10"	200 mL	4	■	Sanitary 1 1/2"	1	-	96IEXQ42D1GSS	96IEXS42D1GSS	96STPA42D1GSS	-
20"	400 mL	4	■	Sanitary 1 1/2"	1	-	96IEXQ42D2HSS	96IEXS42D2HSS	96STPA42D2HSS	-
30"	600 mL	4	■	Sanitary 1 1/2"	1	-	96IEXQ42D3KSS	96IEXS42D3KSS	96STPA42D3KSS	-
Jumbo	2.5 L	4	■	Sanitary 1 1/2"	1	-	96IEXQ42D3NSS	-	96STPA42D3NSS	-
Cassette	800 mL	4	■	Sanitary 1 1/2"	1	98IEXQ42DGL	98IEXQ42D-L	98IEXS42D-L	98STPA42D-L	-
nano	3 mL	8	■	Luer female	1	-	96IEXQ42EUC11	96IEXS42EUC11	-	96HICP42EUC11
nano	3 mL	8	■	Luer female	4	-	96IEXQ42EUC11--A	96IEXS42EUC11--A	-	96HICP42EUC11--A
mini	20 mL	8	■	Luer female	4	-	96IEXQ42E4J11--A	96IEXS42E4J11--A	-	96HICP42E4J11--A
mini	20 mL	8	■	Hose barb	4	-	96IEXQ42E4JOO--A	96IEXS42E4JOO--A	-	96HICP42E4JOO--A
mini	20 mL	8	■	Sanitary 3/4"	4	-	96IEXQ42E4JFF--A	96IEXS42E4JFF--A	-	96HICP42E4JFF--A
5"	150 mL	8	■	Sanitary 3/4"	1	-	96IEXQ42E9BFF	96IEXS42E9BFF	-	96HICP42E9BFF
10"	400 mL	8	■	Sanitary 1 1/2"	1	-	96IEXQ42E1HSS	96IEXS42E1HSS	-	96HICP42E1HSS
20"	800 mL	8	■	Sanitary 1 1/2"	1	-	96IEXQ42E2LSS	96IEXS42E2LSS	-	96HICP42E2LSS
30"	1.2 L	8	■	Sanitary 1 1/2"	1	-	96IEXQ42E3FSS	96IEXS42E3FSS	-	96HICP42E3FSS
Jumbo	5.0 L	8	■	Sanitary 1 1/2"	1	-	96IEXQ42E3ESS	96IEXS42E3ESS	-	96HICP42E3ESS
Cassette	1.6 L	8	■	Sanitary 1 1/2"	1	98IEXQ42EGP	98IEXQ42E-P	98IEXS42E-P	-	98HICP42E-P

Sartobind® Selection Guide

- Available
- Not available
- * Membrane Volume
- ** Via manifold



Germany

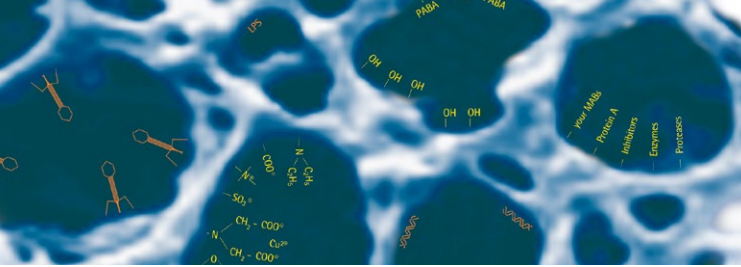
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Step 1: Select Ligand

Single-use	Re-use	High salt condition	Ligand and binding capacity	For Polishing	For Capture
Anion exchange					
■	■	-	Q, quaternary ammonium 29 mg/mL (BSA)	DNA, host cell proteins, viruses, endotoxins	Large proteins (e.g. FVIII), viruses, VLP
Anion exchange					
■	-	■	STIC PA, primary amine 50 mg/mL (BSA at 17 mS/cm)	DNA, host cell proteins, viruses, endotoxins	-
Cation exchange					
■	■	-	S, sulfonic acid 26 mg/mL (lysozyme)	Host cell proteins, aggregates	Large proteins, viruses, VLP
Hydrophobic interaction					
■	■	■	Phenyl, hydrophobic interaction 15 mg/mL (IgG)	Aggregates	Large proteins, viruses, VLP
■	Applicable				
-	Not applicable				

Step 2: Screen Buffer Type, Composition, pH and Conductivity



96-well plate



pico 0.08 mL

Step 3: Determine Binding Capacity

Capture (bind & elute)

8 mm bed height



nano 3 mL

Polishing (flow-through | negative mode)

4 mm bed height



nano 1 mL

Step 4: Select Product for Capture or Polishing

Bed height	Flow rate	Void volume
8 mm	5 MV*/min	1.3-1.8 MV



Size	nano	mini	5"	10"	20"	30"	Jumbo	Cassette**
MV	3 mL	20 mL	150 mL	400 mL	800 mL	1.2 L	5 L	1.6 L

Bed height	Flow rate	Void volume
4 mm	20 MV*/min	2.7-3.5 MV



Size	nano	mini	5"	10"	20"	30"	Jumbo	Cassette**
MV	1 mL	10 mL	75 mL	200 mL	400 mL	600 mL	2.5 L	0.8 L

* Membrane volume

** option irradiated

Each size is available in 4 or 8 mm bed height.
For capture choose 8 mm, for flow-through polishing 4 mm.