

Macro SpinColumns™

(75 to 150 µl Sample Volume)



Quick Start Guide

Description

Macro SpinColumns provide rapid purification of samples using a single-use, disposable centrifuge tube format. Centrifugation or filtration under vacuum or pressure can be used to run the sample through the columns. Available with our complete range of packing materials or pre-packed with custom requested materials.



Macro SpinColumns™ are intended for single use only.

Instructions

1. Tap the column gently to ensure that the media is settled at the bottom.
2. Remove the red caps and place into a centrifuge tube.
3. Place 500 µl of water or buffer (use 1000 µl for G-100 Gel Filtration) in the column and wait 15 minutes for hydration.
4. Centrifuge for 4 minutes at approximately 2000 x g.
5. Repeat Steps 3 and 4 if desired.
6. Remove column from tube and blot the exterior dry.
7. Add between 75 µl and 150 µl of sample to the column.
8. Place the column in a new centrifuge tube and spin for 4 minutes at approximately 2000 x g.

Size Exclusion Applications:

The purified sample is collected in the centrifuge tube.

Solid Phase Extraction Technique:

Unbound sample components are removed. Place column into a new centrifuge tube, add elution buffer and centrifuge to recover desired sample.

Ordering Information

Empty SpinColumns		
Frit	Qty. of 24	Qty. of 96
5 µm frit	74-3821	74-3820
20 µm frit	74-3841	74-3840
40 µm frit	74-3801	74-3800

Filled SpinColumns		
Media Type	Qty. of 24	Qty. of 96
Ion Exchange		
Strong Anion Q	74-4204	74-4200
Weak Anion PEI	74-4151	74-4150
Weak Anion DEAE	74-4205	74-4201
Strong Cation SA	74-4153	74-4152
Strong Cation SP	74-4206	74-4202
Weak Cation CM	74-4207	74-4203
Weak Cation AA	74-4155	74-4154
Gel Filtration		
Sephadex G-10 (700 D)	74-3904	74-3900
Sephadex G-25 (5 kD)	74-3905	74-3901
Sephadex G-50 (30 kD)	74-3906	74-3902
Sephadex G-100 (100 kD)	74-3907	74-3903
Polyacrylamide, P-2 (2 kD)	74-4308	74-4302
Polyacrylamide, P-6 (6 kD)	74-4309	74-4303
Polyacrylamide, P-30 (40 kD)	74-3908	74-3892
Hydrophilic (Normal Phase)		
Amino (NH ₂)	74-4111	74-4104
Cyano (CN)	74-4110	74-4106
PHEA	74-4311	74-4305
Silica	74-4105	74-4100
Hydrophobic (Reverse Phase)		
C4	74-4109	74-4103
C8	74-4108	74-4102
C18	74-4107	74-4101
C18 Targa	74-4115	74-4116
Misc.		
Activated Charcoal	74-4306	74-4300
Cellulose	74-4307	74-4301
Detergent Removal	74-4310	74-4304

Key:

Q = quaternary ammonium (Sephacrose, Fast Flow)
 PEI = linear polyethyleneimine (Silica Based: Organic Compatible)
 DEAE = cross-linked diethylaminoethyl (Sephacrose)
 PHEA = Hydrophilic Polyhydroxyethyl Aspartamide

SA = Sulfoethyl Aspartamide (Silica Based: Organic Compatible)
 CM = carboxymethyl 12 μm , 300 Å (Sephacrose)
 SP = sulfopropyl (Sephacrose, Fast Flow)
 AA = Aspartic Acid 20 μm , 300 Å (Silica Based: Organic Compatible)