

Macro SpinColumns™

(75 to 150 µl Sample Volume)



a brand of Harvard Bioscience, Inc.

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 to 10 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)