



PD SpinTrap G-25 columns



GE

- Fast small-scale cleanup of proteins and other large biomolecules (>5000 M_r) with the possibility to run multiple samples in parallel
- Range of applications such as desalting, buffer exchange, and removal of low-molecular weight compounds
- Reproducible, high throughput, parallel cleanup of protein samples
- Sample preparation in the range of 70 to 130 µL without sample dilution

A single-use microspin column that is designed for desalting and buffer exchange of biological sample using a standard microcentrifuge.

The column is prepacked with 500 µL Sephadex G-25 Medium, and the column material is biocompatible polypropylene.

Technical Specification - Specific

Media	Sephadex G-25 medium
Separation mechanism	Gel filtration
Particle size, µm	85 to 260
Exclusion limit	M _r 5000
Sample volume	70 µL to 130 µL
Volume	500 µL (bed)
Recovery rate	70% to 90% (biomolecule dependent)
Capacity	>85% (desalting)
Stability	All commonly used buffers
pH	2 to 13 (working range)
Temperature, storage, °C	4 to 30
Material	Polypropylene barrel and polyethylene frits

Catalogue No	Alt. No	Description	Pack qty
GZ28918004	28-9180-04	PD SpinTrap G-25 columns	50



C-18 spin columns, Thermo Scientific Pierce



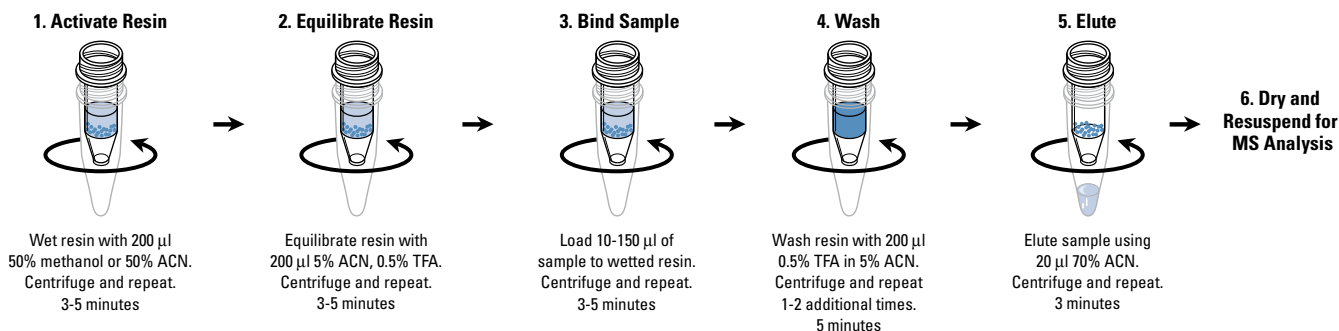
PN

Purifies and/or concentrates multiple peptide samples in less than 30min.

- Removes MS-interfering contaminants - significantly reduces signal suppression and improves signal-to-noise ratios and sequence coverage. Works on a variety of reverse-phase-compatible contaminants
- Special C-18 resin allows excellent recovery percentages, even at low (sub-picomole) sample loads

Peptide samples can be purified and concentrated for a variety of applications using Thermo Scientific Pierce C-18 spin columns.

Each spin column contains a porous C-18 reversed-phase resin with excellent binding and recovery characteristics for a wide range of peptide concentrations. The spin column format allows simultaneous processing of multiple samples (10 µL to 150 µL) in approximately 30min without laborious repeat pipetting or specialised equipment. Pierce C-18 spin columns can be used effectively for processing peptides derived from 10ng to 30 µg of protein. Sensitivity and detection limits are dependent on the downstream application.



Thermo Scientific Pierce C-18 spin column protocol summary.

entry continued