Ab SpinTrap columns

Product Information

Cat#No#	Ab-001P

Product Overview

Ab SpinTrap columns are prepacked, single-use spin columns for rapid purification of monoclonal and polyclonal antibodies from serum and cell culture supernatants. Designed for small-scale purification of multiple samples in parallel.

Description

Ab SpinTrap is designed for efficient, small-scale purification of monoclonal and polyclonal antibodies from serum and cell culture supernatants. In addition, a protocol for immunoprecipitation is included.

Characteristic

Rapid and convenient small-scale purification of IgG.
Protein G Sepharose High Performance in prepacked spin columns.
No filtration or centrifugation of different crude samples necessary for antibody purification.
Classic and crosslink protocols for protein enrichment (immunoprecipitation).
Elution conditions formatted for both LC-MS and electrophoresis analysis.
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Applications

Columns can be used with a standard microcentrifuge and one purification run takes less than 20 min
Designed for efficient, small-scale purification of monoclonal and polyclonal antibodies from serum and cell culture supernatants.

Sample preparation

600 µl

Average particle size

34 µm

Dynamic binding capacity

> 1 mg IgG/column

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CREATIVE BIOMART®
Chromatography

Ab SpinTrap columns

pH working range
2–9
Storage
4 to 8°C, 20% Ethanol
Binding buffer
20 mM sodium phosphate, pH 7.0
Elution buffer
0.1 M glycine-HCl, pH 2.7
Evaluation of Packing
1. Add 400 µL of elution buffer and mix by inversion. 2. Place the column in a 2 mL microcentrifuge tube containing 30 µL neutralizing buffer (see step 1). 3. Centrifuge for 30 s at 70 × g and collect the eluate. 4. Place the column in a new 2 mL microcentrifuge tube containing 30 µL neutralizing buffer (see step 1). 5 Centrifuge for 30 s at 70 × g and collect the second eluate.
Binding
1. Add maximum 600 µL of the antibody solution. 2. Secure the top cap tightly and incubate for 4 min while gently mixing. 3. Centrifuge for 30 s at 70–100 × g. 4. Proceed with the next part of the protocol.
Equilibration
1. Add 600 µL binding buffer. 2. Centrifuge for 30 s at 70–100 × g. 3. Proceed with the next part of the protocol.
Pack size
50 × 100 µL

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