related products:

Cat. No. CP-0110
CentriPure P2
Gel filtration column
for 200 µl sample volume

Cat. No. CP-0108
CentriPure P5
Gel filtration column
for 0.5 ml sample volume

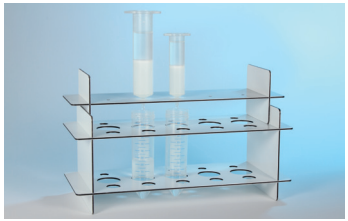
Cat. No. CP-0108
CentriPure P25
Gel filtration column
for 2.5 ml sample volume

Cat. No. CP-0113
CentriPure P50
Gel filtration column
for 5.0 ml sample volume

Cat. No. CP-0119
CentriPure P100
Gel filtration column
for 10 ml sample volume

Cat. No. CP-0131
CentriPure P500
Gel filtration column
for 50 ml sample volume

Cat. No. CP-0132
CentriPure Dolly Mix
Assorted columns for
protein purification
Five each of P2, P5, P10
and P25 columns



Cat. No. CP-9914
LabRack for CentriPure columns
The LabRack column processing station makes purification easy and convenient

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08/2015

Cat. No. CP-0107

CentriPure P10

Hydrated gel filtration column for protein purification

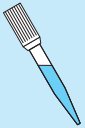
Instructions for use

1. Column Preparation

Remove the cap from the top and then the bottom cap of the **CentriPure P10** column.

Allow excess column fluid to drain (via gravity) into a suitable waste reservoir.

2. Column Equilibration



Choose a buffer for your specific application and use this same buffer for both equilibration and elution steps.

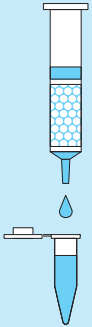
To equilibrate the column, allow the equilibration buffer to enter the gel bed completely and continue elution until approximately 15 ml of buffer has been eluted.

3. Sample Application

Transfer 1 ml sample to the **CentriPure P10** column.

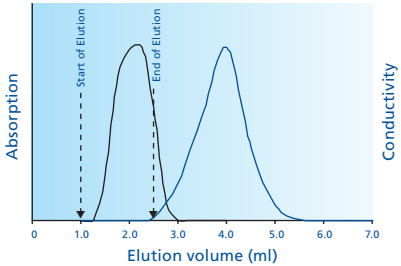
Allow the sample to enter the gel bed completely. If the sample volume is less than 1 ml, add enough equilibration buffer so that the combined volume equals 1 ml before applying it to the column.

4. Elution

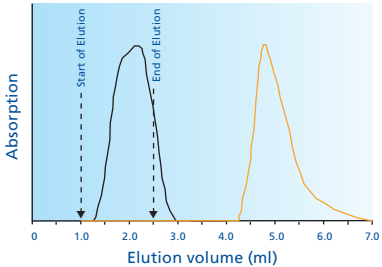


Place a tube for sample collection under the **CentriPure P10** column. Transfer 1.5 ml of elution buffer to the column and elute the cleaned sample.

typical application examples:



Desalting of protein solution (1 mg anti-rabbit IgG in 1 ml 0.8 M NaCl), elution with water (black line: protein – 280 nm; blue line: salt – µS/cm)



Separation of protein (1 mg anti-rabbit IgG, black line – 280 nm) from excess free dye (0.1 µmol FITC, orange line – 490 nm) after coupling reaction in DMSO/$NaHCO_3$, elution with PBS