

CentriPure Columns



Ready-to-use columns for nucleic acids, antibodies and other proteins

Cat. No. CP-0501

CentriPure 2-Z25M
for 200 µL sample vol.

Cat. No. CP-0502

CentriPure 5-Z25M
for 0.5 mL sample vol.

Cat. No. CP-0503

CentriPure 10-Z25M
for 1.0 mL sample vol.

Cat. No. CP-0504

CentriPure 25-Z25M
for 2.5 mL sample vol.

Cat. No. CP-0505

CentriPure 50-Z25M
for 5.0 mL sample vol.

Cat. No. CP-0132-Z005.0-001

CentriPure Trial Kit
One column of each for sample volumes
of 200 µL, 500 µL, 1 mL, 2.5 mL, 5 mL

Cat. No. CP-0506

CentriPure 100-Z25M
for 10 mL sample vol.

Cat. No. CP-0507

CentriPure 200-Z25M
for 20 mL sample vol.

Cat. No. CP-0508

CentriPure 300-Z25M
for 30 mL sample vol.

Cat. No. CP-0510

CentriPure 500-Z25M
for 50 mL sample vol.

Cat. No. CP-0511

CentriPure 1000-Z25M
for 100 mL sample vol.

Lab Tools



Cat. No. CP-9937

**LabRack for CentriPure 200 to
CentriPure 500 columns**

Cat. No. CP-9936

LabRack for CentriPure 1000 columns

Hazard and Precautionary Statements



WARNING

Contains ProClin™ 150

H317 May cause an allergic skin reaction.

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P302/P352 If on skin: Gently wash with soap and water.

P305 If in eyes: Rinse cautiously with water

P338 for several minutes. If possible, remove

P351 contact lenses and continue rinsing.

emp BIOTECH GmbH

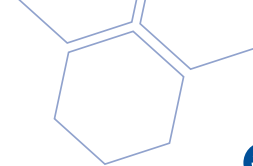
Robert-Rössle-Str. 10 · 13125 Berlin · Germany

Tel. +49 (0)30 94 89 22 01 · info@empbiotech.com

www.empbiotech.com

emp BIOTECH GmbH is an ISO 9001:2015 certified company
registration number 011001300789 (TÜV Rheinland)

CHR-7021-01 · 01.2023

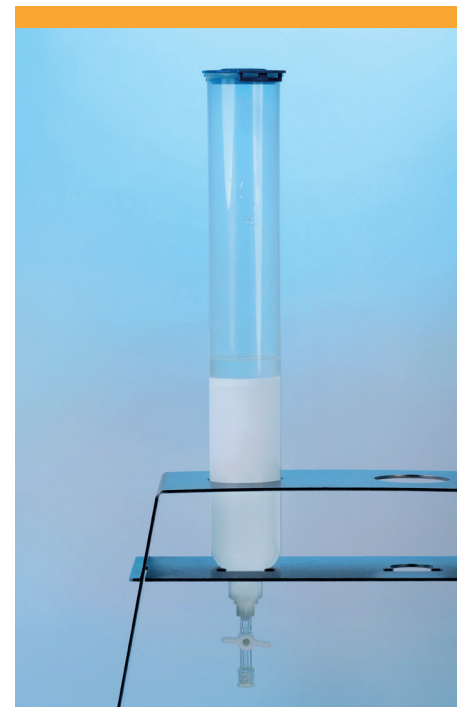


Cat. No. CP-0509

CentriPure 400-Z25M

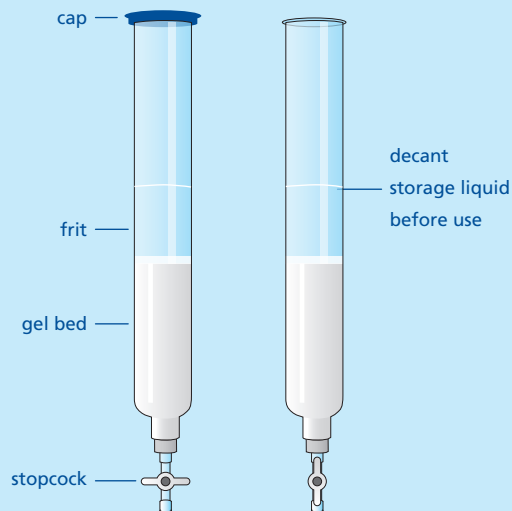
Hydrated gel filtration column
for rapid purification, desalting, and
buffer exchange of biomolecules:

- Nucleic acids
- Proteins and antibodies



Instructions for use

1. Column Preparation



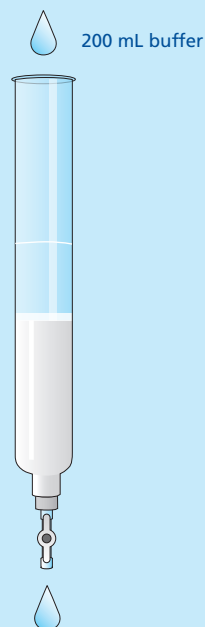
Allow the column to warm to ambient temperature if it has been refrigerated. Check to ensure the stopcock is in the closed position. Carefully remove the blue cap from the top of the CentriPure 400 column. Decant the storage liquid above the upper frit into a suitable waste reservoir.*

Place the column in the LabRack or clamp it plumb-vertical to a stable laboratory stand.

Place a suitable waste reservoir under the outlet, open the stopcock and allow any excess column fluid to completely drain out via gravity.

* The storage fluid contains 0.15% ProClin™ 150. Dispose of ProClin™ 150 solutions according to approved local disposal regulations.

2. Column Equilibration



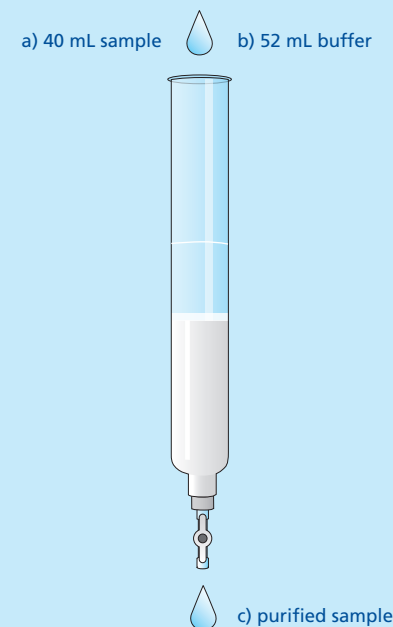
Ensure that the stopcock remains continuously in the open position during sample processing. The column is designed for the flow to stop after all fluid has entered the gel bed with no fluid above the upper frit. There is no need to close the stopcock during sample processing.

Choose a buffer (or pure water) which is appropriate for your specific application. Use this buffer for both equilibration and elution steps.

To equilibrate the column, wash the gel bed by allowing 200 mL of buffer to flow through the column.

Discard all eluent.

3. Sample Application and Elution



Carefully and evenly transfer a 40 mL sample onto the top of the upper frit. Allow the sample to completely enter the gel bed. Some eluent will flow out of the column and this can be discarded.

Replace the waste reservoir with a sample collection container and place this at the outlet of the column. Carefully and evenly transfer 52 mL of the buffer onto the top of the upper frit of the column. Allow the buffer to completely enter the gel bed.

The purified sample will immediately elute into the sample collection container. After the flow has completely stopped, the purification is complete. Small molecular weight impurities remain in the column bed and must be washed away before re-use.