

CentriPure 96

Gel Filtration Column Array 500-Z25M
for rapid purification, desalting, and buffer exchange of:

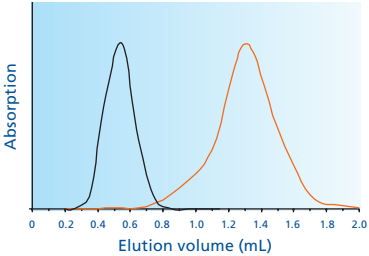
- Nucleic acids
- Proteins and antibodies



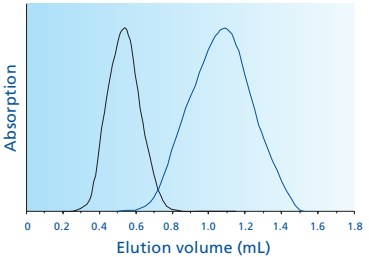
- Purifies samples of 500 µL into a final volume of 800 µL.
- Contains Zetadex-25 size exclusion resin.
- Simultaneously processes 96 samples.
- Designed specifically for automated systems using standard SLAS microplate footprint.

Typical application examples (proteins):

Processed with CentriPure 96 Column Array 300-Z25M



Elution profile overlay of ovalbumin (1 mg/mL) and free dye (TAMRA, 0,1 µmol) in a 200 µL sample volume.



Desalting of protein solution (1 mg albumin (OvA) in 1 mL 0.8 M NaCl), elution with water (200 µL sample volume)

CentriPure Gel Filtration Column Arrays

Product Code: CP-0583
CentriPure 96 Column Array 300-Z25M
Gel filtration column array simultaneously processes 96 samples of 150 - 300 µL sample volume

Product Code: CP-0584
CentriPure 96 Column Array 400-Z25M
Gel filtration column array simultaneously processes 96 samples of 400 µL sample volume

Accessories:
Waste collection plate (1 Chamber)
Sample collection plate (96 chambers)

Hazard and Precautionary Statements	
	WARNING
H317	Contains ProClin™ 150. May cause an allergic skin reaction.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves, protective clothing, eye and face protection.
P302/P352	If on skin: Gently wash with soap and water.
P305/P338/P351	If in eyes: Rinse cautiously with water for several minutes. If possible, remove contact lenses and continue rinsing.

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Product Code: CP-0585

CentriPure 96

Gel Filtration Column Array 500-Z25M
for rapid purification, desalting, and buffer exchange

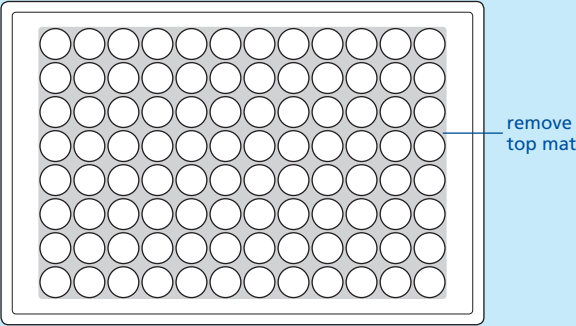


- For rapid desalting or buffer exchange
- of oligonucleotides longer than 10 bp/nt
 - of proteins larger than 5 kDa
 - of spheroidal nanoparticles greater than 2 nm Ø

Purifies samples of 500 µL into a final volume of 800 µL.

Instructions for use

1. Column Preparation



Carefully remove the top mat and then remove the bottom mat of the **CentriPure 96** Column Array. The bottom mat may be replaced to store unused columns when less than 96 columns are processed.

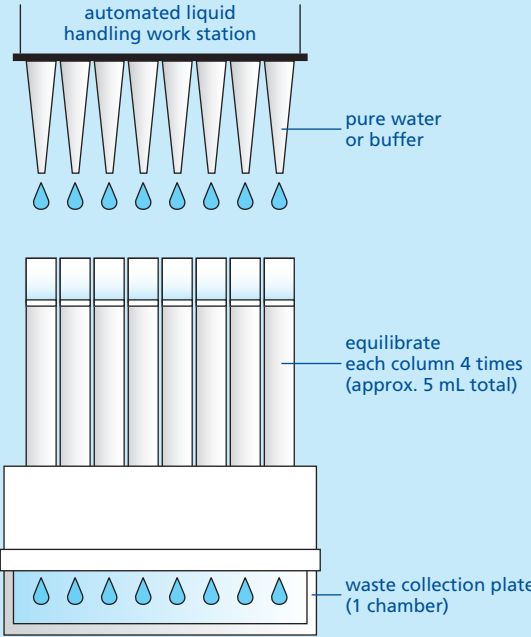
Allow excess column fluid to drain (via gravity) into the waste collection plate.

If all 96 columns are processed simultaneously, a slightly reduced pressure may be used with a manifold to speed up this process.

Please note: The Array is not intended to be centrifuged!

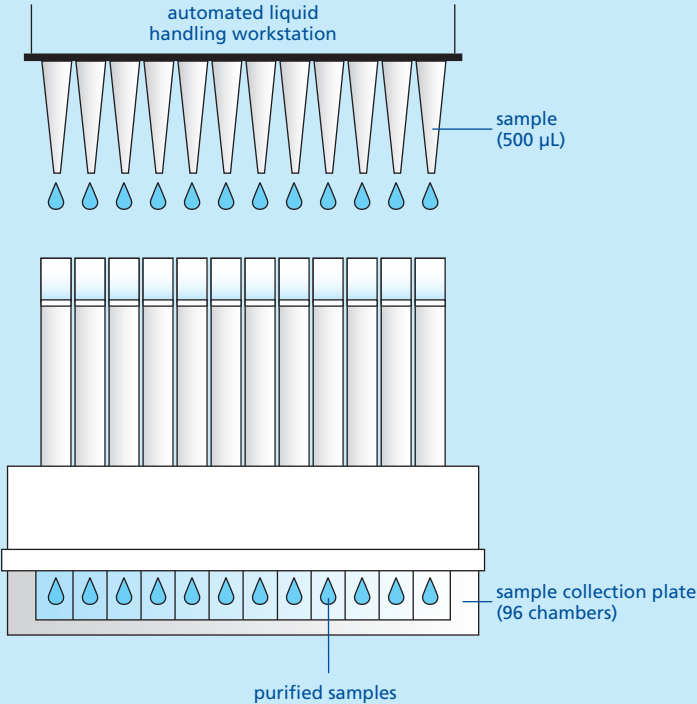
Please read the health and safety warning on the back page before use.

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 buffer to enter the gel bed completely and to drain into the waste collection plate.

3. Sample Application and Elution



Transfer your sample to the **CentriPure 96 Column Array**. Allow the sample to enter the gel bed completely using a suitable waste reservoir. Do not use vacuum for sample application.

Place a collection plate for sample collection under the **CentriPure 96 Column Array**. Add 800 µL elution volume to the column and elute the purified sample.

Please note: Do not use vacuum for this step!

Please read the health and safety warning on the back page before use.