

GE Healthcare products that support your ÄKTA™ system



Prepare for purification

Filter your buffers to protect your LC system and column - use Whatman™ membrane filters and vacuum filtration system



Filter your samples with low protein binding Whatman syringe filters to protect the column and prevent clogging

- Performed prior to sample application



Purify

Purify your target protein with GE purification columns and resins for AC, IEX, HIC, SEC*

GE resins and columns:

- Are recognized for high quality and reproducibility (e.g. HiTrap™, HiLoad™, Superdex™, Superose™)
- Enable an optimal fit with ÄKTA systems for all columns pre-listed in UNICORN™ system control software



Optimize your ÄKTA system with the right accessories

Connectors, tubings, column holders, valves, fraction collectors and racks, monitors and UNICORN software.



Ensure compatibility of sample with next step

Transfer the sample into the right buffer in one step using a buffer exchange column packed with Sephadex™ G-25 resin

- Performed before, after, or between purification steps
- Simple and quick alternative to tedious dialysis



Reduce sample volume with Vivaspin™ concentrators

Mainly performed:

- Before SEC
- Once purification is completed



Purify

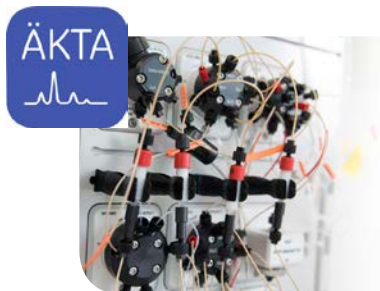
Purify your target protein with GE purification columns and resins



To select the right chromatography resin and columns for your application, use the column and resin selection tool.

www.gelifesciences.com/Purify

Optimize your ÄKTA system with the right accessories



To select the accessories you need for your ÄKTA system, use the ÄKTA systems accessory app.

www.gelifesciences.com/aktaapps

Find the ÄKTA system that matches your needs



Scientists all over the world rely on ÄKTA systems for their protein purification needs.

www.gelifesciences.com/AKTAlabsystems

* AC = affinity chromatography, HIC = hydrophobic interaction chromatography, IEX = ion exchange chromatography, SEC = size exclusion chromatography

This is a selection of products. To discover more, visit protein.gelifesciences.com

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Prepare for purification

Filter your buffers to protect your LC system and column – use Whatman membrane filters and vacuum filtration system



10410312	RC58 Membrane Circle, Regenerated Cellulose, 0.2 µm, 47 mm, 100/pk
10442200	GV050/2 Vacuum filter holder, glass, 250 ml, 47/50 mm, glass frit, 1000 ml Erlenmeyer, 1/pk

Filter your samples with Whatman low protein binding syringe filters to protect the column and prevent clogging



10463060	SPARTAN™ 30 mm Syringe Filter, Regenerated Cellulose, 0.2 µm, 100/pk
10463050	SPARTAN 30 mm Syringe Filter, Regenerated Cellulose, 0.45 µm, 100/pk
10463110	SPARTAN 13 mm Syringe Filter, Regenerated Cellulose, 0.45 µm, 100/pk
10463100	SPARTAN 13 mm Syringe Filter, Regenerated Cellulose, 0.2 µm, 100/pk

Use 30 mm diameter filter for sample volumes > 10 ml

Use 0.2 µm pore size if the particle size of chromatography resin is < 30 µm

Ensure compatibility of sample with next step

Transfer the sample into the right buffer in one step using a buffer exchange column packed with Sephadex G-25 resin



17085101	PD-10 Column, 30/pk
28918004	PD SpinTrap™ G-25, 50/pk
28918007	PD MiniTrap™ G-25, 50/pk
28918008	PD MidiTrap™ G-25, 50/pk
29048684	HiTrap Desalting 5 ml, 1/pk
17140801	HiTrap Desalting 5 ml, 5/pk
17508701	HiPrep™ 26/10 Desalting, 1/pk

Reduce sample volume with Vivaspin concentrators



28932296	Vivaspin 6, 10 000 MWCO PES 25/pk
28932317	Vivaspin 6, 30 000 MWCO PES 25/pk
28932360	Vivaspin 20, 10 000 MWCO PES 12/pk
28932361	Vivaspin 20, 30 000 MWCO PES 12/pk

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www.gelifesciences.com/AKTAclub

