

ÄKTExpress™

Unattended purification of
tagged proteins and antibodies.



Prepacked columns designed to work with ÄKTExpress:

HiPrep™ columns

For gel filtration and for desalting/buffer exchange.



Tricorn™ columns

Designed for high-resolution
purification of biomolecules
at laboratory scale.



HiTrap™ columns

Convenient and reliable columns for fast and easy
purifications either alone or connected in series.



HiLoad™ columns

For high-performance
gel filtration.



The list of columns on next page is only a selection of our columns – for more products and information go to www.gelifesciences.com/protein-purification where you can get more guidance to find the most suitable column by using our interactive selection guides.



Which columns to choose?

1st purification step:

Are you purifying tagged proteins or antibodies?

Tagged proteins

Tagged protein purification

| Product | Volume | Code no. |
|------------------|----------|------------|
| HiTrap™ FF crude | 5 × 5 ml | 17-5286-01 |
| HiTrap HP | 5 × 5 ml | 17-5248-02 |
| HiTrap FF | 5 × 5 ml | 17-5255-01 |
| MBPTrap™ HP | 5 × 5 ml | 28-9187-80 |
| StrepTrap™ HP | 5 × 5 ml | 28-9075-48 |
| GSTrap™ 4B | 5 × 5 ml | 28-4017-48 |
| GSTrap FF | 5 × 5 ml | 17-5131-02 |
| GSTrap HP | 5 × 5 ml | 17-5282-02 |

Antibodies

Antibody purification

| Product | Volume | Code no. |
|------------------------|----------|------------|
| HiTrap™ Protein A HP | 5 × 1 ml | 17-0402-01 |
| HiTrap Protein A HP | 5 × 5 ml | 17-0403-03 |
| HiTrap rProtein A FF | 5 × 1 ml | 17-5079-01 |
| HiTrap rProtein A FF | 5 × 5 ml | 17-5080-02 |
| HiTrap Protein G HP | 5 × 1 ml | 17-0404-01 |
| HiTrap Protein G HP | 5 × 5 ml | 17-0405-03 |
| HiTrap MabSelect SuRe™ | 5 × 1 ml | 11-0034-93 |
| HiTrap MabSelect SuRe | 5 × 5 ml | 11-0034-95 |

Additional steps:

Do you need to desalt or change buffer?

Gel filtration - Desalting/Buffer exchange

| Product | Volume | Code no. |
|-------------------------|-----------|------------|
| HiTrap Desalting | 5 × 5 ml | 17-1408-01 |
| HiPrep™ 26/10 Desalting | 1 × 53 ml | 17-5087-01 |
| HiPrep 26/10 Desalting | 4 × 53 ml | 17-5087-02 |

Do you need a size homogeneous or a charge homogeneous protein?

Size

Gel Filtration - High resolution fractionation

| Product | Volume | Code no. |
|---|------------|------------|
| HiLoad™ 16/600 Superdex™ 200 prep grade | 1 × 120 ml | 28-9893-35 |
| HiLoad 26/600 Superdex 200 prep grade | 1 × 320 ml | 28-9893-36 |
| HiLoad 16/600 Superdex 75 prep grade | 1 × 120 ml | 28-9893-33 |
| HiLoad 26/600 Superdex 75 prep grade | 1 × 320 ml | 28-9893-34 |
| HiPrep 16/60 Sephacryl™ S-300 HR | 1 × 120 ml | 17-1167-01 |
| HiPrep 26/60 Sephacryl S-300 HR | 1 × 320 ml | 17-1196-01 |
| HiPrep 16/60 Sephacryl S-200 HR | 1 × 120 ml | 17-1166-01 |
| HiPrep 26/60 Sephacryl S-200 HR | 1 × 320 ml | 17-1195-01 |

Charge

Ion Exchange Chromatography

| Product | Volume | Code no. |
|-----------------|----------|------------|
| HiTrap Q HP | 5 × 1 ml | 17-1153-01 |
| HiTrap Q HP | 5 × 5 ml | 17-1154-01 |
| HiTrap SP HP | 5 × 1 ml | 17-1151-01 |
| HiTrap SP HP | 5 × 5 ml | 17-1152-01 |
| Mono Q™ 5/50 GL | 1 × 1 ml | 17-5166-01 |
| Mono S™ 5/50 GL | 1 × 1 ml | 17-5168-01 |
| RESOURCE™ Q | 1 × 6 ml | 17-1179-01 |
| RESOURCE S | 1 × 6 ml | 17-1180-01 |

