

# ÄKTAexplorer™

Method development and scouting. The industry standard chromatography system for fast and reliable method development, before the launch of ÄKTA avant.

*Can be found as 10 and 100 systems  
(referring to flow rates 10 ml/min and 100 ml/min respectively).*



## Prepacked columns designed to work with ÄKTAexplorer:

### HiPrep™ columns

Excellent for desalting and scale-up of protein purification.



### 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.



### HiScreen™ columns

Excellent for method optimization and screening. The 10 cm bed height gives high resolution linear gradient elution.



### HiLoad™ columns

Prepacked columns for high-performance purifications.



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](http://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?

### Do you purify tagged recombinant proteins?

#### Tagged protein purification

Product	Volume	Code no.	Product	Volume	Code no.	Product	Volume	Code no.
HiTrap™ HP	1 × 5 ml	17-5248-01	HiScreen™ Ni FF	1 × 4.7 ml	28-9782-44	GSTrap™ 4B	1 × 5 ml	28-4017-47
HiTrap FF	5 × 5 ml	17-5255-01	MBPTrap™ HP	1 × 5 ml	28-9187-79	GSTrap FF	1 × 5 ml	17-5131-01
HiTrap FF crude	5 × 5 ml	17-5286-01	StrepTrap™ HP	1 × 5 ml	28-9075-47	GSTrap HP	1 × 5 ml	17-5282-01
HiPrep™ FF 16/10	1 × 20 ml	28-9365-51	GSTPrep™ FF 16/10	1 × 20 ml	28-9365-50			

### Do you purify antibodies?

#### Antibody purification

Product	Volume	Code no.	Product	Volume	Code no.	Product	Volume	Code no.
HiTrap™ Protein A HP	1 × 5 ml	17-0403-01	HiTrap IgM Purification HP	5 × 1 ml	17-5110-01	HiScreen MabSelect	1 × 4.7 ml	28-9269-73
HiTrap rProtein A FF	1 × 5 ml	17-5080-01	HiTrap IgY Purification HP	1 × 5 ml	17-5111-01	HiScreen MabSelect xtra	1 × 4.7 ml	28-9269-76
HiTrap Protein G HP	1 × 5 ml	17-0405-01	HiTrap NHS-activated HP	1 × 5 ml	17-0717-01	HiScreen MabSelect SuRe	1 × 4.7 ml	28-9269-77
HiTrap MabSelect™	1 × 5 ml	28-4082-55	HiTrap MabSelect Xtra™	1 × 5 ml	28-4082-60	HiScreen MabSelect SuRe LX	1 × 4.7 ml	17-5474-15
HiTrap MabSelect SuRe™	1 × 5 ml	11-0034-94						

### 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 protein?

#### Gel Filtration – High resolution fractionation

Product	Volume	Code no.	Product	Volume	Code no.
HiLoad™ 16/600 Superdex™ 200 prep grade	1 × 120 ml	28-9893-35	HiLoad 16/600 Superdex 30 prep grade	1 × 120 ml	17-1139-01
HiLoad 26/600 Superdex 200 prep grade	1 × 320 ml	28-9893-36	HiLoad 26/600 Superdex 30 prep grade	1 × 320 ml	17-1140-01
HiLoad 16/600 Superdex 75 prep grade	1 × 120 ml	28-9893-33	Superdex 200 10/300 GL*	1 × 24 ml	17-5175-01
HiLoad 26/600 Superdex 75 prep grade	1 × 320 ml	28-9893-34	Superdex 75 10/300 GL*	1 × 24 ml	17-5174-01

\*Designed for 10 ml/min systems

### Do you use Ion Exchange chromatography?

#### Ion Exchange Chromatography

Product	Volume	Code no.	Product	Volume	Code no.	Product	Volume	Code no.
HiTrap Q FF	5 × 5 ml	17-5156-01	Mono Q™ 5/50 GL	1 × 1 ml	17-5166-01	HiTrap IEX Selection kit	7 × 1 ml	17-6002-33
HiTrap SP FF	5 × 5 ml	17-5157-01	Mono S™ 5/50 GL	1 × 1 ml	17-5168-01	HiTrap Capto™ IEX Selection kit	5 × 1 ml	28-9343-88
RESOURCE™ Q	1 × 6 ml	17-1179-01	HiScreen Q FF	1 × 4.7 ml	28-9505-10	HiPrep Q FF 16/10	1 × 20 ml	28-9365-43
RESOURCE S	1 × 6 ml	17-1180-01	HiScreen SP FF	1 × 4.7 ml	28-9505-13	HiPrep SP FF 16/10	1 × 20 ml	28-9365-44

### Do you use Hydrophobic Interaction chromatography?

#### Hydrophobic Interaction Chromatography

Product	Volume	Code no.	Product	Volume	Code no.
HiTrap HIC Selection Kit	7 × 1 ml	28-4110-07	HiScreen Butyl FF	1 × 4.7 ml	28-9269-84
HiScreen Phenyl FF (high sub)	1 × 4.7 ml	28-9269-88	HiScreen Butyl-S FF	1 × 4.7 ml	28-9269-85
HiScreen Phenyl FF (low sub)	1 × 4.7 ml	28-9269-89	HiScreen Octyl FF	1 × 4.7 ml	28-9269-86
HiScreen Phenyl HP	1 × 4.7 ml	28-9505-16			



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