

Chromatography and purification solutions for bioprocessing

Find your way forward in biotherapeutic purification

The portfolio of purification products and solutions from Thermo Fisher Scientific is designed to deliver high-purity biopharmaceuticals and help increase productivity and efficiency in downstream processes. Our chromatography solutions enable process developers to purify even the most complex biomolecules. Find out how we can help simplify your purification workflow with a unique set of chromatography resins, prepacked columns, and services.

Bioproduction purification products and services

Bioprocess affinity resins

Thermo Scientific™ antibody-based therapeutics

- CaptureSelect™ KappaXP Affinity Matrix
- CaptureSelect™ LambdaXP Affinity Matrix
- CaptureSelect™ FcXP Affinity Matrix
- CaptureSelect™ CH1-XL Affinity Matrix
- POROS™ CaptureSelect™ FcXP Affinity Resin
- MabCaptureC™ Affinity Matrix
- CaptureSelect™ IgE Affinity Matrix

Thermo Scientific™ viral vectors

- POROS™ CaptureSelect™ AAV8 Affinity Resin
- POROS™ CaptureSelect™ AAV9 Affinity Resin
- POROS™ CaptureSelect™ AAVX Affinity Resin
- POROS™ 50 HE Heparin Affinity Resin

Thermo Scientific™ nucleic acid therapeutics

- POROS™ Oligo (dT)25 Affinity Resin

Thermo Scientific™ products for vaccine production

- CaptureSelect™ C-tagXL Affinity Matrix

Thermo Scientific™ protein therapeutics

- CaptureSelect™ FSH Affinity Matrix
- CaptureSelect™ Human Albumin Affinity Matrix
- CaptureSelect™ hCG Affinity Matrix
- CaptureSelect™ tPA Affinity Matrix
- CaptureSelect™ TSH Affinity Matrix
- CaptureSelect™ Human Growth Hormone (hGH) Affinity Matrix
- CaptureSelect™ Factor X Affinity Matrix
- CaptureSelect™ AAT-XL Affinity Matrix

Bioprocess polishing resins

Thermo Scientific™ anion exchange

- POROS™ XQ Strong Anion Exchange Resin
- POROS™ 50 HQ Strong Anion Exchange Resin
- POROS™ 50 D Weak Anion Exchange Resin
- POROS™ 50 PI Weak Anion Exchange Resin

Thermo Scientific™ cation exchange

- POROS™ Caprylate Mixed-Mode Cation Exchange Chromatography Resin
- POROS™ XS Strong Cation Exchange Resin
- POROS™ 50 HS Strong Cation Exchange Resin

Thermo Scientific™ hydrophobic interaction chromatography

- POROS™ Ethyl HIC Resin
- POROS™ Benzyl HIC Resin
- POROS™ Benzyl Ultra HIC Resin

Thermo Scientific™ reversed phase

- OLIGO™ R3 Reversed - Phase Resin

Custom solutions

- Custom Thermo Scientific™ POROS™ resin development
- Custom Thermo Scientific™ CaptureSelect™ affinity ligand and resin development

Prepacked chromatography columns

- Thermo Scientific™ POROS™ high-performance liquid chromatography (HPLC) columns
- Thermo Scientific™ RoboColumn™ process development columns
- Thermo Scientific™ POROS™ GoPure™ process development columns

Ligands and kits

- Thermo Scientific™ CaptureSelect™ leakage ELISAs
- Thermo Scientific™ CaptureSelect™ biotinylated conjugated ligands

Ordering information

Description	Quantity	Cat. No.
Bioprocess affinity resins		
Antibody-based therapeutics		
MabCaptureC Affinity Matrix	250 mL	1963662250
	1 L	196366201L
	5 L	196366205L
CaptureSelect CH1-XL Affinity Matrix	5 mL	1943462005
	10 mL	1943462010
	50 mL	1943462050
	250 mL	1943462250
	1 L	194346201L
	5 L	194346205L
	5 mL	1943712005
CaptureSelect FcXP Affinity Matrix	10 mL	1943712010
	50 mL	1943712050
	250 mL	1943712250
	1 L	194371201L
	5 L	194371205L

Antibody-based therapeutics (cont.)

CaptureSelect KappaXP Affinity Matrix	5 mL	2943212005
	10 mL	2943212010
	50 mL	2943212050
	250 mL	1943212250
	1 L	194321201L
	5 L	194321205L
CaptureSelect LambdaXP Affinity Matrix	5 mL	2943752005
	10 mL	2943752010
	50 mL	2943752050
	250 mL	1943752250
	1 L	194375201L
	5 L	194375205L
POROS CaptureSelect FcXP Affinity Resin	50 mL	A56249
	250 mL	A56251
	1,000 mL	A56252
	5,000 mL	A56253
	10,000 mL	A56254
CaptureSelect IgE Affinity Matrix	5 mL	2943542005
	10 mL	2943542010
	50 mL	2943542050
	250 mL	1943542250
	1,000 mL	194354201L
	5,000 mL	194354205L

Viral vectors

POROS CaptureSelect AAVX Affinity Resin	10 mL	A36739
	25 mL	A36740
	50 mL	A36741
	250 mL	A36742
	1,000 mL	A36743
	5,000 mL	A36744
	10,000 mL	A36745

Viral vectors (cont.)		
POROS CaptureSelect AAV9 Affinity Resin	10 mL	A27354
	25 mL	A27353
	50 mL	A27356
	250 mL	A27355
	1,000 mL	A27359
	5,000 mL	A27358
	10,000 mL	A27357
POROS CaptureSelect AAV8 Affinity Resin	10 mL	A30789
	25 mL	A30790
	50 mL	A30791
	250 mL	A30792
	1,000 mL	A30793
	5,000 mL	A30794
	10,000 mL	A30795
POROS 50 HE Heparin Affinity Resin	10 mL	4329435
	50 mL	4333410
	1 L	4329437
	5 L	4329438
	10 L	4329439
Nucleic acid therapeutics		
POROS Oligo (dT)25 Affinity Resin	10 mL	A48605
	25 mL	A48606
	50 mL	A47382
	250 mL	A47383
	1,000 mL	A47384
	5,000 mL	A47385
	10,000 mL	A47386
Vaccines		
CaptureSelect C-tagXL Affinity Matrix	5 mL	2943072005
	10 mL	2943072010
	50 mL	2943072050
	100 mL	1943072500
	1 L	194307201L
	5 L	194307205L

Protein therapeutics		
CaptureSelect FSH Affinity Matrix	5 mL	194318005
	10 mL	194318010
	50 mL	194318050
	250 mL	1943180250
	1 L	19431801L
	5 L	19431805L
CaptureSelect Human Albumin Affinity Matrix	5 mL	191297005
	10 mL	191297010
	50 mL	191297050
	250 mL	1912970250
	1 L	19129701L
	5 L	19129705L
CaptureSelect hCG Affinity Matrix	5 mL	194341005
	10 mL	194341010
	50 mL	194341050
	250 mL	1943410250
	1 L	19434101L
	5 L	19434105L
CaptureSelect tPA Affinity Matrix	5 mL	2943430005
	10 mL	2943430010
	50 mL	2943430050
	250 mL	1943430250
	1 L	194343001L
	5 L	194343005L
CaptureSelect TSH Affinity Matrix	5 mL	2943562005
	10 mL	2943562010
	50 mL	2943562050
	250 mL	1943562250
	1 L	194356201L
	5 L	194356205L
CaptureSelect Human Growth Hormone (hGH) Affinity Matrix	5 mL	1943160005
	10 mL	1943160010
	50 mL	1943160050
	250 mL	1943160250
	1 L	194316001L
	5 L	194316005L

Protein therapeutics (cont.)		
CaptureSelect Factor X Affinity Matrix	5 mL	2943702005
	10 mL	2943702010
	50 mL	2943702050
	250 mL	1943702250
	1 L	194370201L
	5 L	194370205L
CaptureSelect AAT-XL Affinity Matrix	5 mL	2943832005
	10 mL	2943832010
	50 mL	2943832050
	250 mL	1943832250
	1 L	194383201L
	5 L	194383205L
Bioprocess polishing resins		
Anion exchange		
POROS XQ Strong Anion Exchange Resin	250 mL	4467820
	1,000 mL	4467818
	5,000 mL	4467817
	10,000 mL	4467816
POROS 50 HQ Strong Anion Exchange Resin	250 mL	1255911
	1 L	1255907
	5 L	1255909
	10 L	1255908
POROS 50 D Weak Anion Exchange Resin	50 mL	1365906
	250 mL	1365911
	1 L	1365907
	5 L	1365909
	10 L	1365908
POROS 50 PI Weak Anion Exchange Resin	50 mL	1245906
	250 mL	1245911
	1 L	1245907
	5 L	1245909
	10 L	1245908
Cation exchange		
POROS Caprylate Mixed-Mode Cation Exchange Chromatography Resin	50 mL	A51049
	250 mL	A51050
	1,000 mL	A51051
	5,000 mL	A51052
	10,000 mL	A51053

Cation exchange (cont.)		
POROS XS Strong Cation Exchange Resin	250 mL	4404337
	1,000 mL	4404336
	5,000 mL	4404335
	10,000 mL	4404334
POROS 50 HS Strong Cation Exchange Resin	50 mL	1335906
	250 mL	1335911
	1 L	1335907
	5 L	1335909
	10 L	1335908
Hydrophobic interaction chromatography		
POROS Ethyl HIC Resin	25 mL	A32557
	50 mL	A32556
	250 mL	A32555
	1,000 mL	A32554
	5,000 mL	A32553
	10,000 mL	A32552
POROS Benzyl HIC Resin	25 mL	A32563
	50 mL	A32562
	250 mL	A32561
	1,000 mL	A32560
	5,000 mL	A32559
	10,000 mL	A32558
POROS Benzyl Ultra HIC Resin	25 mL	A32569
	50 mL	A32568
	250 mL	A32567
	1,000 mL	A32566
	5,000 mL	A32565
	10,000 mL	A32564
Reversed phase		
OLIGO R3 Reversed - Phase Resin	25 mL	1133903
	50 mL	1133906
	1 L	1133907

Screening plates

POROS GoPure, 96-Well Screening Plate

Visit thermofisher.com/screeningplates

Custom solutions

Custom POROS resin development program

Visit thermofisher.com/custom-chromatography

Custom CaptureSelect affinity ligand and resin development program

Prepacked chromatography columns

POROS 10 and 20 µm high-performance liquid chromatography (HPLC) columns

RoboColumn process development columns

Visit thermofisher.com/gopurecolumns

POROS GoPure process development columns

Ligands and kits

CaptureSelect leakage ELISAs

CaptureSelect biotinylated conjugated ligands

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