

OPUS® RoboColumn®, MiniChrom® and ValiChrom® Resin List

Data Sheet

Affinity Resins

Repligen	AVIPure® AAV2 AVIPure® AAV5 AVIPure® AAV8 AVIPure® AAV9 CaptivA™ CaptivA™ HF		
Purolite	Praesto® AP+ Praesto® APc+ Praesto® Jetted A50 Praesto® Jetted A50 HipH Praesto® Jetted A50+		
Astrea Bioseparations	AlbuPure® Aminophenylboronate Agarose P6XL EtoxiClear™ FAbsorbent™ F1P HF MAbsorbent® A2P HF		
Avantor Performance Materials	BAKERBOND™ PROchievA™		
Bio-Rad	CFT™ Type II 40 µm UNOsphere SUPrA™		
Cytiva	AVB Sepharose™ HP Benzamidine Sepharose™ 4 FF (high sub) Blue Sepharose™ 6 FF Capto™ AVB Capto™ Blue Capto™ Blue (high sub) Capto™ DeVirS Capto™ Heparin Capto™ L Capto™ Lentil Lectin Capto™ PlasmidSelect Glutathione Sepharose™ 4 B Glutathione Sepharose™ 4 FF Heparin Sepharose™ 6 FF Heparin Sepharose™ HP	Cytiva	IXSelect KappaSelect LambdaFabSelect MabSelect™ MabSelect SuRe™ MabSelect SuRe™ LX MabSelect SuRe™ pcc MabSelect™ Prisma MabSelect™ VL MabSelect Xtra™ nProtein A Sepharose™ 4 FF PlasmidSelect Xtra Protein A Sepharose™ CL-4B Protein G Sepharose™ 4 FF Protein G Sepharose™ HP rProtein A Sepharose™ FF VIISelect VIIISelect
		IBA Lifesciences	Strep-Tactin® Superflow® Strep-Tactin® Superflow® high capacity
		JNC	Cellufine® Phosphate Cellufine® Sulfate
		JSR Life Sciences	Amsphere™ A3
		Kaneka	KANEKA KanCapA™ KANEKA KanCapA™ 3G
		Merck KGaA	Eshmuno® A
		Sartorius	Blue Trisacryl® M Heparin HyperD® M
		Tosoh Bioscience	Toyopearl® AF-Amino-650M Toyopearl® AF-Carboxy-650M Toyopearl® AF-rProtein A HC-650F Toyopearl® AF-rProtein A-650F Toyopearl® AF-rProtein L-650F

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Affinity Resins (continued)	
Thermo Fisher Scientific	CaptureSelect™ CH1-XL
	CaptureSelect™ C-tagXL
	CaptureSelect™ FcXL
	CaptureSelect™ FcXP
	CaptureSelect™ Human Albumin
	CaptureSelect™ IgG1 (Hu)
	CaptureSelect™ IgG3 (Hu)
	CaptureSelect™ IgG4 (Hu)
	CaptureSelect™ KappaXP
	CaptureSelect™ LambdaXP
	CaptureSelect™ LC-kappa (mur)
	CaptureSelect™ LC-lambda (mouse)
	CaptureSelect™ Lenti VSVG
	CaptureSelect™ tPA
	POROS™ 20 A
	POROS™ 50 HE Heparin
	POROS™ CaptureSelect™ AAV8
	POROS™ CaptureSelect™ AAV9
	POROS™ CaptureSelect™ AAVX
	POROS™ CaptureSelect™ AdV5
	POROS™ MabCapture™ A
	POROS™ MabCapture™ G Select
POROS™ Oligo (dT)25	

Hydrophobic Interaction Resins	
Avantor Performance Materials	BAKERBOND™ POLY HI-PROPYL™™
Bio-Rad	Macro-Prep® Methyl Macro-Prep® t-Butyl
Cytiva	Butyl Sepharose™ 4 FF Butyl Sepharose™ HP Butyl-S Sepharose™ 6 FF Capto™ Butyl Capto™ Butyl ImpRes Capto™ Octyl Capto™ Phenyl (high sub) Capto™ Phenyl ImpRes Octyl Sepharose™ 4 FF Phenyl Sepharose™ 6 FF (high sub) Phenyl Sepharose™ 6 FF (low sub) Phenyl Sepharose™ HP
Sartorius	MEP HyperCel™
Tosoh Bioscience	Toyopearl® Butyl-600M Toyopearl® Butyl-650C Toyopearl® Butyl-650M Toyopearl® Butyl-650S Toyopearl® Ether-650M Toyopearl® Hexyl-650C Toyopearl® Phenyl-600M Toyopearl® Phenyl-650C Toyopearl® Phenyl-650M Toyopearl® Phenyl-650S Toyopearl® PPG-600M Toyopearl® SuperButyl-550C
Thermo Fisher Scientific	POROS™ Benzyl POROS™ Benzyl Ultra POROS™ Ethyl

Hydroxyapatite Resins

Bio-Rad	CHT™ Type I 20 µm CHT™ Type I 40 µm CHT™ Type I 80 µm CHT™ Type II 20 µm CHT™ Type II 40 µm CHT™ Type II 80 µm CHT™ XT, 40 µm MPC™ Type I 40 µm
IBA Lifesciences	Ni-NTA Superflow
Tosoh Bioscience	Ca ⁺⁺ Pure-HA

Ion Exchange Resins

Purolite	Praesto® Jetted SP35 Praesto® Jetted Q35 Praesto® Jetted XS35 Praesto® Jetted XS50 Praesto® SP45 Praesto® SP65 Praesto® SP90 Praesto® Q45 Praesto® Q65 Praesto® Q90	Bio-Rad	Macro-Prep® DEAE Macro-Prep® High Q Macro-Prep® High S Nuvia™ HP-Q Nuvia™ HR-S Nuvia™ Q Nuvia™ S UNOsphere™ Q UNOsphere™ S
Avantor Performance Materials	BAKERBOND™ POLYABx BAKERBOND™ POLYCSX BAKERBOND™ POLYPEI BAKERBOND™ POLYQUAT	Cytiva	ANX Sepharose™ 4 FF high sub ANX Sepharose™ 4 FF low sub Capto™ DEAE Capto™ Q Capto™ Q ImpRes Capto™ Q XP Capto™ S Capto™ S ImpAct
Bio-Rad	Macro-Prep® 25 Q Macro-Prep® 25 S Macro-Prep® CM		

Ion Exchange Resins (continued)		
Cytiva	<p>Capto™ SP ImpRes CM Sepharose™ FF CM Sepharose™ HP DEAE Sepharose™ FF MacroCap™ Q MacroCap™ SP Q Sepharose™ BB Q Sepharose™ FF Q Sepharose™ HP Q Sepharose™ XL SOURCE™ 15Q SOURCE™ 15S SOURCE™ 30Q SOURCE™ 30S SP Sepharose™ BB SP Sepharose™ FF SP Sepharose™ HP SP Sepharose™ XL</p>	<p>Toyopearl® CM-650C Toyopearl® CM-650M Toyopearl® CM-650S Toyopearl® DEAE-650C Toyopearl® DEAE-650M Toyopearl® DEAE-650S Toyopearl® GigaCap® CM-650M Toyopearl® GigaCap® DEAE-650M Toyopearl® GigaCap® Q-650M Toyopearl® GigaCap® Q-650S Toyopearl® GigaCap® S-650M Toyopearl® GigaCap® S-650S Toyopearl® MegaCap® II SP-550 EC Toyopearl® NH₂-750F Toyopearl® Q-600C AR Toyopearl® QAE-550C Toyopearl® SP-550C Toyopearl® SP-650C Toyopearl® SP-650M Toyopearl® SP-650S Toyopearl® Sulfate-650F Toyopearl® SuperQ-650C Toyopearl® SuperQ-650M Toyopearl® SuperQ-650S TSKgel® SuperQ-5PW (20 μm) TSKgel® SuperQ-5PW (30 μm)</p>
JNC	<p>Cellufine® MAX GS Cellufine® MAX Q-h Cellufine® MAX Q-r Cellufine® MAX S-h Cellufine® MAX S-r</p>	
Merck KGaA	<p>Eshmuno® CP-FT Eshmuno® CPS Eshmuno® CPX Eshmuno® S Eshmuno® Q Fractogel® EMD COO- (M) Fractogel® EMD DEAE (M) Fractogel® EMD DMAE (M) Fractogel® EMD SE Hicap (M) Fractogel® EMD SO₃⁻ (M) Fractogel® EMD SO₃⁻ (S) Fractogel® EMD TMAE (M) Fractogel® EMD TMAE (S) Fractogel® EMD TMAE Hicap (M) Fractogel® EMD TMAE Medcap (M)</p>	<p>Thermo Fisher Scientific</p> <p>POROS™ 20 HQ POROS™ 20 HS POROS™ 50 D POROS™ 50 HS POROS™ 50 HQ POROS™ 50 PI POROS™ XQ POROS™ XS</p>
Sartorius	<p>CM Ceramic HyperD® F CMM HyperCel™ DEAE Ceramic HyperD® F HyperCel STAR AX Q Ceramic HyperD® F</p>	<p>YMC</p> <p>BioPro IEX Q75 BioPro IEX S75 BioPro IEX SmartSep S10 BioPro IEX SmartSep S20 BioPro IEX SmartSep S30 BioPro IEX SmartSep Q10 BioPro IEX SmartSep Q20 BioPro IEX SmartSep Q30</p>

Immobilized Metal Chelate Affinity Resins

Bio-Rad	Nuvia™ IMAC Ni-Charged Profinity™ IMAC Profinity™ IMAC Ni-Charged
Cytiva	Capto™ Chelating Chelating Sepharose™ FF IMAC Sepharose™ 6 FF IMAC Sepharose™ HP Ni Sepharose™ excel Nickel Sepharose™ 6 FF Nickel Sepharose™ HP
IBA Lifesciences	Ni-NTA Superflow
Merck KGaA	Fractogel® EMD Chelate (M)
Tosoh Bioscience	Toyopearl® AF-Chelate-650M

Mixed Mode Resins

Bio-Rad	Nuvia™ aPrime™ 4A Nuvia™ cPrime™
Cytiva	Capto™ adhere Capto™ adhere ImpRes Capto™ Core 400 Capto™ Core 700 Capto™ MMC Capto™ MMC ImpRes
Merck KGaA	Eshmuno® CMX Eshmuno® HCX
Sartorius	HEA HyperCel™ MEP HyperCel™ PPA HyperCel™
Tosoh Bioscience	Toyopearl® MX-Trp-650M

Reverse Phase Resin

Cytiva	SOURCE™ 15RPC SOURCE™ 30RPC
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Size Exclusion Resins	
Cytiva	Sephacryl S-100 HR
	Sephacryl S-200 HR
	Sephacryl S-300 HR
	Sephacryl S-400 HR
	Sephacryl S-500 HR
	Sephadex™ G-10
	Sephadex™ G-15
	Sephadex™ G-25 Coarse
	Sephadex™ G-25 Fine
	Sephadex™ G-25 medium
	Sephadex™ G-25 Superfine
	Sephadex™ G-50 Coarse
	Sephadex™ G-50 Fine
	Sephadex™ G-50 medium
	Sephadex™ G-50 Superfine
	Sephadex™ G-75
	Sepharose™ 4 FF
Sepharose™ 6 FF	
Superdex™ 200 prep grade	
Tosoh Bioscience	Toyopearl® HW 40C
	Toyopearl® HW 40F
	Toyopearl® HW 40S
	Toyopearl® HW 50F
	Toyopearl® HW 50S
	Toyopearl® HW 55F
	Toyopearl® HW 55S
	Toyopearl® HW 65C
	Toyopearl® HW 65F
	Toyopearl® HW 65S
	Toyopearl® HW 75F
	Toyopearl® HW 75S

Customer Service

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