

<b>Brand</b>	<b>Technology Line (Resin)</b>	<b>Primary Column Formats</b>	<b>Purification Mode</b>	<b>Specific Method</b>
Cytiva	<b>Superdex / Superose / Sephadryl</b>	HiLoad, Increase (10/300), HiPrep	Size Exclusion (SEC)	Size Exclusion
	<b>MabSelect (PrismA, SuRe)</b>	HiTrap, HiScreen, ReadyToProcess	Affinity (Protein A/Antibody)	Antibody Affinity
	<b>Capto (Q, S, DEAE, MMC, Adhere)</b>	HiTrap, HiScreen, HiPrep	Ion Exchange / Mixed-Mode	Ion Exchange, Mixed mode chromatography
	<b>HisTrap / GSTrap / StrepTrap</b>	HiTrap (1 mL, 5 mL)	Affinity (Tagged Proteins)	Affinity chromatography, Immobilized metal (ion) affinity chromatography
	<b>Sepharose (Fast Flow, High Performance)</b>	HiTrap, HiPrep, XK (Empty)	General IEX, HIC, Affinity	IEX, HIC, Affinity chromatography
	<b>Resource (Q, S, PHE)</b>	Resource 1 mL, 6 mL, 15 mL	High-Res Polishing (Fast)	IEX
	<b>Mono Q / Mono S</b>	Tricorn 5/50, 10/100	Ultra-High-Res Polishing	IEX
	<b>HiTrap Fibro</b>	PrismA, Tellus (Fiber units)	Rapid Capture (Seconds)	Affinity chromatography
	<b>ENrich</b>	SEC 70, SEC 650, Q, S	High-Res SEC & IEX	Size Exclusion, Ion Exchange
	<b>Nuvia (Q, S, HR-S, IMAC)</b>	EconoFit, Foresight, Bio-Scale	High-Capacity IEX / Affinity	Ion Exchange, Affinity chromatography
	<b>CHT (Ceramic Hydroxyapatite)</b>	EconoFit, Foresight, XT	Mixed-Mode (Unique Resolution)	Hydroxyapatite
	<b>Profinity (IMAC, GST, eXact)</b>	EconoFit, Bio-Scale Mini	Tagged Protein Affinity	Immobilized metal (ion) affinity chromatography, Affinity chromatography
Bio-Rad	<b>UNSphere (Q, S)</b>	EconoFit, Macro-Prep	Rapid Ion Exchange	Ion Exchange, Hydrophobic interaction chromatography
	<b>Macro-Prep</b>	High Q, High S, Methyl HIC	Preparative Scale IEX/HIC	Ion Exchange, Affinity chromatography
	<b>POROS (A, G, HQ, HS, XS)</b>	GoPure (Prepacked), PEEK/SS	Perfusion IEX / Affinity	IEX, Affinity chromatography
	<b>CaptureSelect</b>	POROS-based or Resin-only	Specialized Affinity (VHH)	Affinity chromatography
	<b>MAbPac</b>	HPLC (4x50mm, 4x250mm)	Analytical Antibody IEX/SEC	IEX, SEC, Affinity chromatography
Thermo Scientific	<b>ProPac (Elite, WCX, SCX)</b>	HPLC / UHPLC Formats	Analytical Charge Variant IEX	Ion Exchange
	<b>Zeba</b>	Spin Columns / 96-well	Desalting / Buffer Exchange	Desalting / Buffer Exchange
	<b>TSKgel (SW, SWXL, SuperSW)</b>	Stainless Steel (Analytical)	High-Res SEC (Silica-based)	Size Exclusion
	<b>TSKgel (PW, PWXL)</b>	Stainless Steel / PEEK	SEC for Large Polymers/Proteins	Size Exclusion
Tosoh Bioscience	<b>Toyopearl (Q, S, Hexyl, Butyl)</b>	ToyoScreen, MiniChrom	Preparative IEX, HIC, Affinity	IEX, HIC, Affinity chromatography
	<b>TSKgel BioAssist (Q, S)</b>	Stainless Steel / PEEK	High-Throughput IEX	Ion Exchange
	<b>Eshmuno (A, Q, S, CPX, CMX)</b>	MiniChrom, RoboColumn	High-Productivity IEX/Affinity	Ion Exchange, Affinity chromatography
Merck / MilliporeSigma	<b>Fractogel (EMD Q, S, SO3)</b>	MiniChrom, Scout Columns	Tentacle-based IEX/HIC	Ion Exchange, Hydrophobic interaction chromatography
	<b>Hibar</b>	Stainless Steel	Analytical Prep	
	<b>BioResolve mAb</b>	4.6 x 50/150/300 mm (HPLC)	SEC, RP, SCX (mAb specific)	Affinity chromatography
Waters	<b>XBridge / ACQUITY</b>	Premier (Bio-inert hardware)	Protein SEC (125, 250, 450 Å)	Size Exclusion
	<b>Protein-Pak</b>	Hi Res Q, Hi Res S, Hi Res CM	Ion Exchange (IEX)	Ion Exchange
	<b>BioSuite</b>	SEC, Phenyl (PA)	SEC & Specialized Affinity	Size exclusion chromatography
	<b>AdvanceBio SEC</b>	130, 300, 500, 1000 Å	Size Exclusion (Peptides to VLP)	Size exclusion chromatography
Agilent	<b>AdvanceBio IEX</b>	Bio MAb, Bio Q, Bio S	High-Res Charge Variant IEX	Ion Exchange
	<b>AdvanceBio HIC</b>	Phenyl, Butyl, Ether	Hydrophobic Interaction	Hydrophobic interaction chromatography
	<b>Bio-Monolith</b>	5.2 x 4.9 mm (Monolith Discs)	Ultra-fast Protein A, G, IEX	Ion Exchange, Affinity chromatography
	<b>PLRP-S</b>	Analytical & Prep (Polymer)	Reversed-Phase (RP)	Reversed-Phase Chromatography
	<b>BioPro IEX</b>	Smart Sep, QA, SP, QF, SF	Porous & Non-porous IEX	Ion Exchange
YMC	<b>BioPro HIC</b>	HIC BF (Butyl), HIC HT	High-res HIC for ADCs	Hydrophobic interaction chromatography
	<b>YMC-SEC MAB</b>	250 Å (Silica)	Specialized mAb SEC	Size exclusion chromatography
	<b>YMC-Triart Bio</b>	C4, C18 (Hybrid Silica)	RP for Peptides & Proteins	Reversed-Phase Chromatography
	<b>WorkBeads affimAb</b>	GoBio Mini (1, 5mL), Prep	Alkali-stable Protein A	Affinity chromatography
Bio-Works	<b>WorkBeads 40/100</b>	GoBio Mini, Screen, Prep	Q & S Ion Exchange	Ion Exchange
	<b>WorkBeads IMAC</b>	Ni-NTA, IDA, TREN	His-tag Affinity	Immobilized Metal Affinity
	<b>WorkBeads Dsalt</b>	GoBio Mini Dsalt	Desalting / Buffer Exchange	Desalting / Buffer Exchange
	<b>Sartobind Q / S</b>	Nano, Mini, Capsules	Rapid Membrane IEX	Ion Exchange
Sartorius	<b>Sartobind Rapid A</b>	Capsules, Cassettes	Rapid Membrane Protein A	Affinity chromatography
	<b>Sartobind Phenyl</b>	Nano, Capsules	Rapid Membrane HIC	Hydrophobic interaction chromatography
	<b>Sartobind STIC PA</b>	Capsules, Jumbo	Salt-tolerant Polishing	
	<b>PROTEIN KW-800</b>	8.0 x 300 mm (KW-802.5, 803)	High-recovery SEC	Size Exclusion
Shodex	<b>PROTEIN LW-803</b>	8.0 x 300 mm	High-load mAb SEC	Size Exclusion
	<b>Biozen dSEC</b>	dSEC-2, dSEC-7	Analytical SEC (1k - 450kDa)	Size Exclusion
	<b>Biozen WCX / SCX</b>	6 µm (BioTi Hardware)	Charge Variant IEX	Ion Exchange
Phenomenex	<b>Biozen Intact</b>	C8, C4 (Core-Shell)	RP for Intact Mass Spec	Reversed-Phase Chromatography