

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