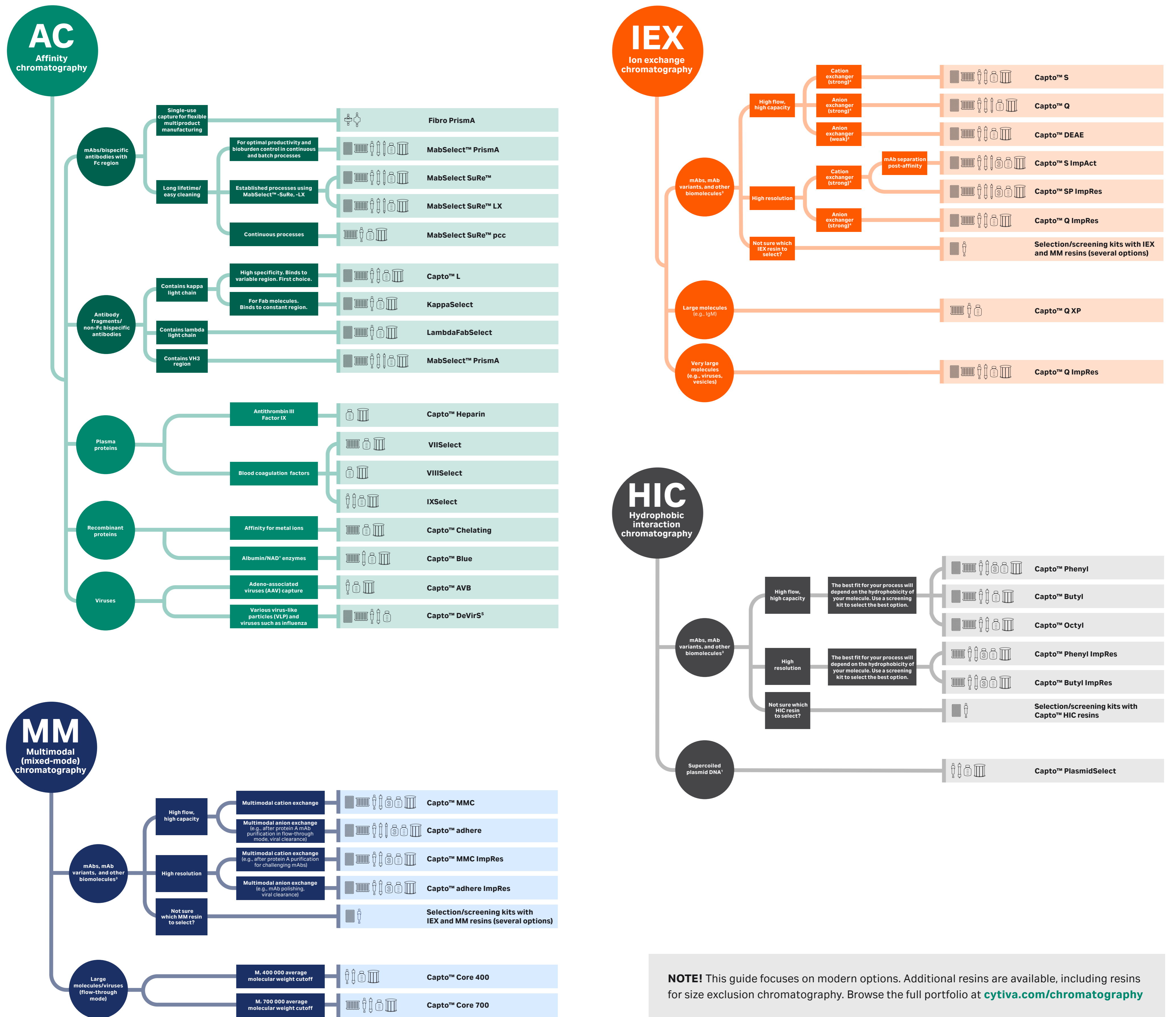


Guide to modern bioprocess chromatography resins and fibers

For process development and biomanufacturing



NOTE! This guide focuses on modern options. Additional resins are available, including resins for size exclusion chromatography. Browse the full portfolio at [cytiva.com/chromatography](https://www.cytiva.com/chromatography)

Format guide

For ordering information, visit [cytiva.com/chromatography](https://www.cytiva.com/chromatography)

	Process development						Process development and clinical manufacturing			
Format	96-well filter plates (2, 6, 20, or 50 µL)	Miniaturized preppacked columns (50, 200, and 600 µL)	Prepacked columns (1 and 5 mL)	Prepacked columns (4.7 mL with 10 cm bed height)	Fiber chromatography units	Prepacked columns (15.7 mL, with 10 mm i.d. and 20 cm bed height)	3 × 25 mL bulk resin with 3 different ligand densities	Bottles/containers of chromatography resins	Prepacked columns, 80-600 mm i.d., 0.5-71 L	
Product name	PreDictor™ plates	PreDictor™ brand RoboColumn™ units	HiTrap™ columns	HiScreen™ columns	HiTrap™ Fibro and HiScreen™ Fibro	Validation columns (Prepacked Tricorn™ columns)	Process Characterization Kits	Bulk packs	ReadyToProcess™ columns	
Application	High-throughput screening	High-throughput process development	Process development, screening	Method optimization	Rapid cycling single-use chromatography	Scale-down studies including viral clearance studies	Resin variability characterization studies	Column packing	Scale-up and GMP biomanufacturing	

¹ Thiophilic aromatic adsorption.

² When selectivity is unsatisfactory with Capto™ Q. Indeed, weak ion exchangers can offer different selectivity than strong ion exchangers.

³ For example, oligonucleotides, peptides, other recombinant proteins, protein complexes.

⁴ The terms strong and weak do not refer to the strength with which the functional groups bind to proteins. Strong ion exchangers show no variation in ion exchange capacity with change in pH.

⁵ This resin has a dextran sulfate ligand with an affinity-like behavior for several virus types.

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