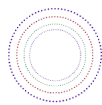




SRT-10 & SRT 10-C

10 μm SIZE EXCLUSION COLUMNS



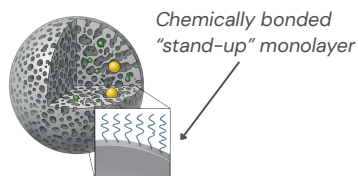
SRT-10 SEC

Fast, high-resolution protein purification for FPLC, HPLC, and Prep LC. Engineered with proprietary monolayer surface chemistry for superior separation of biological molecules at laboratory and preparative scale.

SRT-10

STAND-UP MONOLAYER PHASE

Monolayer stands upright on the silica surface, creating a uniform hydrophilic shield. Best suited for MAbs, standard antibodies, and typical non-hydrophobic proteins requiring high-resolution separation with negligible non-specific interactions.



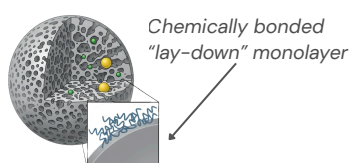
PEER-REVIEWED PUBLICATION

Protein purification using SRT-10

SRT-10C

LAY-DOWN MONOLAYER PHASE

Monolayer lays flat on the silica surface, optimized for hydrophobic molecule handling. The preferred choice for ADCs, derivatized MAbs, PEGylated proteins, membrane proteins, and other "sticky" or highly hydrophobic biologics.



PEER-REVIEWED PUBLICATION

Protein purification using SRT-10C

TARGET APPLICATIONS

 mAb & Antibody Purification High-resolution aggregate removal	 Oligonucleotides & Peptides Aqueous buffer compatible	 Protein QC & Purity Aggregate / monomer analysis
 ADC & PEGylated Proteins SRT-10C optimized	 Virus-Like Particles Large MW exclusion options	 Water-Soluble Polymers Polysaccharides, nanoparticles

WHY SRT-10/SRT-10C?

Fast speed, high resolution – run at 5–10 mL/min on 21.2 mm ID columns; complete purification in under 20 minutes.

High loading capacity – up to 42 mg BSA on a 21.2 x 300 mm column; resolution maintained across loading volumes.

95% protein recovery – negligible non-specific interactions preserve biological activity post-separation.

Seamless scale-up – analytical to preparative with 15% efficiency gain on wider-ID columns vs. 7.8 mm analytical.

Excellent lot-to-lot reproducibility – maximized bonding density and well-controlled surface chemistry.

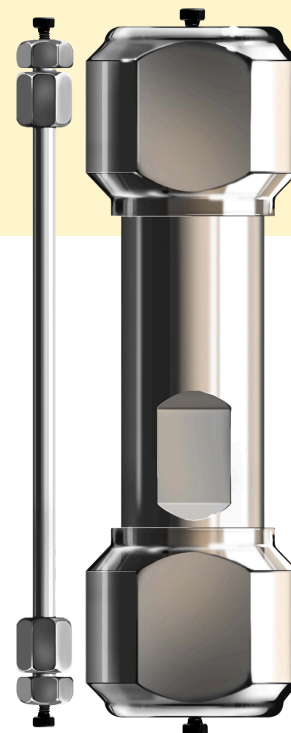
TECHNICAL SPECIFICATIONS

PARTICLE (μm)	10
PORE (\AA)	100–2000
ID (mm)	4.6 – 50
LENGTH (mm)	10 – 300
pH STABILITY	2.0 – 8.5
MAX TEMP ($^{\circ}\text{C}$)	80
SALT CONC.	20 mM – 2.0 M

FASTER PURIFICATIONS

	Length (mm)	Volume (mL)	Flow rate (mL/min)
Cytiva Superdex™ 200	10x300	24	0.25–0.75
	16x600	120	0.33–1.7
	26x600	320	0.88–4.4
Sepax SRT-10/10C (300 \AA)	10x300	24	1–2
	21.2x300	105	5–10
	30x300	212	10–25
	50x250	490	25–60

Sepax columns offer higher pressure limits and higher flow rates vs. competitors (the maximum pressure the Cytiva column can handle is due to the limitation of soft agarose beads, not due to the purifications system's limit).



Preparative & Semi-prep

Custom column sizes available upon request
600 mm length available for 7.8 mm ID

COLUMN SCREENING SERVICE

Not sure which column or mobile phase to use? Sepax offers a full column screening and method development service. Rapid, cost-effective, and tailored to your sample type.

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