

everest biolabs

Automate the tedious.
Focus on discovery.

Apex[®]

Easily isolate pure, functional
EVs with high yield



Also available
in plate and
Mini formats

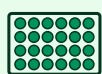


Plate and column
formats



SEC tuned for
purity and yield



Reproducible
< 10% CV



0.1 – 1.0 mL
sample volumes



Apex for sharper peaks. Cleaner insights.

6B

Optimized for highest EV yield



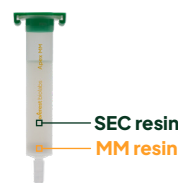
4B

Optimized for high purity and lowest protein co-elution



MM

Optimized for highest lipoprotein purity



Apex Mini

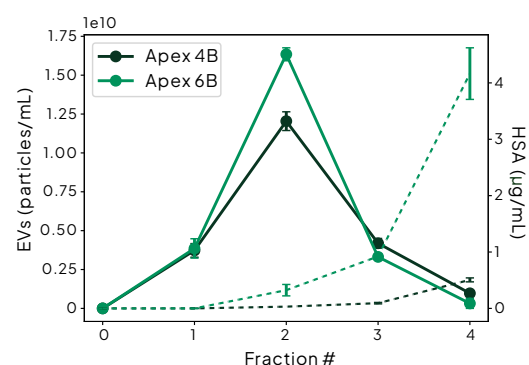
Optimized for small sample volumes (0.1 - 0.3 mL)



Apex 4B and 6B columns & plates

High performance isolation

- Reproducible performance < 10% CV
- Sample volume 0.5 - 1.0 mL
- Available with SEC and multi-mode resins
- Validated in culture, plasma, urine, serum & CSF
- Compatible with Ascent and Summit

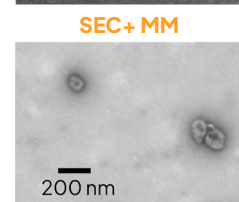
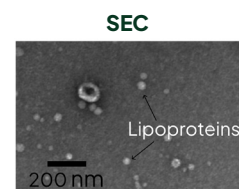


Apex MM, more than just SEC

50% more EVs and 2x purity

SEC combined with multi-mode (MM) resin significantly enhance EV purity by removing more lipoproteins than SEC alone.

Column type	Yield	Purity (HSA)	Purity (ApoA1)	Purity (ApoB-100)	Pore-size
Apex MM	1.5	2.2	1.1	1.8	< 50nm
Competitor	1.0	1.0	1.0	1.0	70 nm



APEX SPECIFICATIONS			
Column format	Column	Plate	Mini
Column type	MM / 6B / 4B	6B / 4B	MM
Input sample volume	0.5 - 1.0 mL	0.5 - 1.0 mL	0.1 - 0.3 mL
Column reproducibility	10% CV		
Sample types	Plasma, serum, urine, CSF, cell culture media		
Resin types	4 % or 6 % cross linked agarose beads, cross-linked agarose plus multi-mode		
Column volume	8.75 mL	8.75 mL	3.3 mL

See Apex performance data (NTA/TEM/ONI/...)

