



UPPER

Efficient, stable, convenient and rapid operation with full automation

ExoFaster - 500

Exosome Automated Extraction Platform



Efficient stable

Able to reliably extract high-quality sEVs from 9 samples in 48 minutes



Ultra-high purity

Extracted sEV purity $\geq 1.0 \times 10^8$ particles/ μg protein



Intact morphology

Extracted sEVs show intact saucer-shaped membranes (TEM)



User-friendly

Standardized and user-defined programs

Size-exclusion chromatography

Enables rapid, high-yield isolation of 40–150 nm small extracellular vesicles (sEVs) from biological specimens, including cell culture supernatants and serum/plasma.



SERUM/
PLASMA



URINE



CEREBRO-
SPINAL FLUID



MILK



CELL
SUPERNATANT



PLANT



BACTERIAL
CULTURE

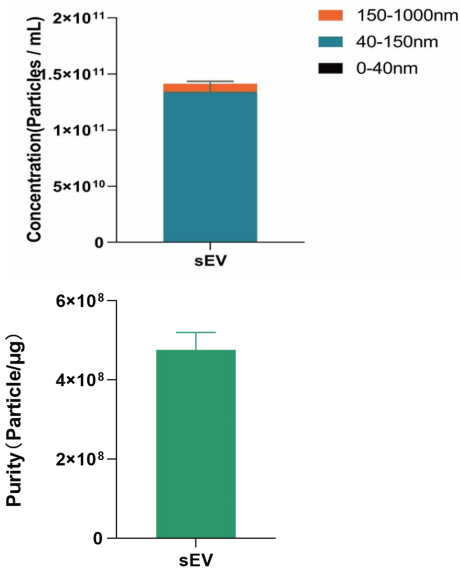
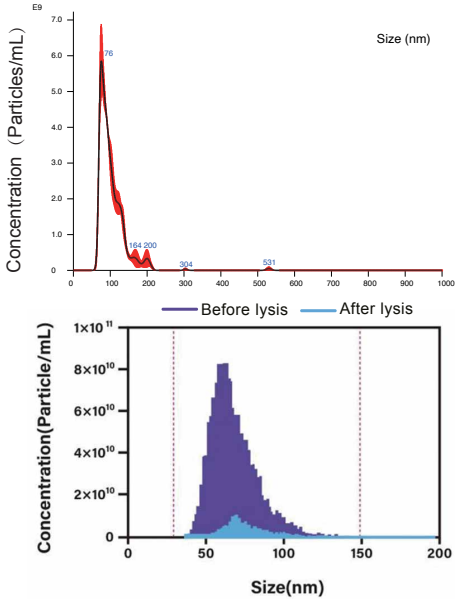
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Function

Model	ExoFaster-500
Function	Standardized and user-defined programs
Sample Throughput	1-9 samples selectable
Purification Duration	Only 48 minutes to purify sEVs from 9 samples
Exosome yield	A single extraction of 1 mL of plasma can yield 1.0×10^{11} particles/mL
Exosome proportion	$\geq 90\%$ of particles are in the 40 - 150 nm size range

Effect



Comparison

