

EV Analysis Platform

Nanoparticle Tracking Analysis Report

Video Analysis | Laser Scattering Microscopy

Operator: System | Report Generated: 2026-01-20 12:38

Sample Parameters

Sample Name:	PC3_100kDa_F7_8
Sample Info:	PC3 100kDa Fraction - 20251217_0018
Electrolyte:	WATER
Temperature:	25.1 °C
Concentration:	1.76E+08 Particles/mL
Dilution Factor:	500

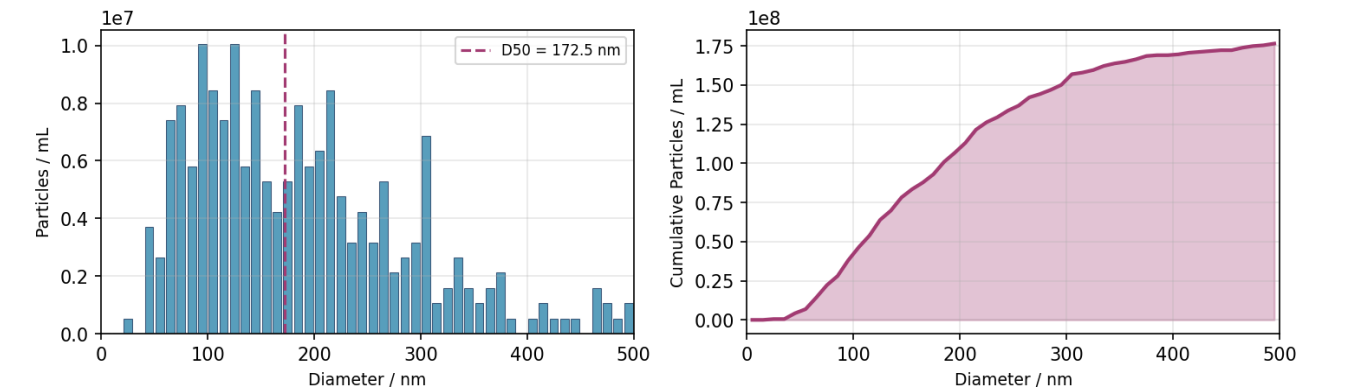
Result (sizes in nm)		
	Number	Volume
Median (X50)	172.5	172.5
StdDev	117.5	117.5

Instrument Parameters

Laser Wavelength:	488 nm	Frame Rate:	30 fps
Filter:	Scatter	Video Resolution:	medium
Sensitivity:	80	Traced Particles:	353
Shutter:	100	Positions:	11

Size Distribution

Size Distribution - PC3_100kDa_F7_8



X Values (all sizes given in nm)

	Number	Concentration	Volume
X10	92.5	92.5	92.5
X50	172.5	172.5	172.5
X90	297.5	297.5	297.5

Span	1.2	1.2	1.2
Mean	192.9	192.9	192.9
StdDev	117.5	117.5	117.5

Peak Analysis

Diameter (nm)	Particles/mL	FWHM (nm)	Percentage
122.5	1.76E+08	117.5	100.0

Analysis Software: EV Analysis Platform v1.0 | Report Generated: 2026-01-20 12:38:29

Comments:

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