

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_F1_2
Sample Info:	PC3 100kDa Fraction - 20251217_0016
Electrolyte:	WATER
Temperature:	25.1 °C
Concentration:	2.48E+08 Particles/mL
Dilution Factor:	500

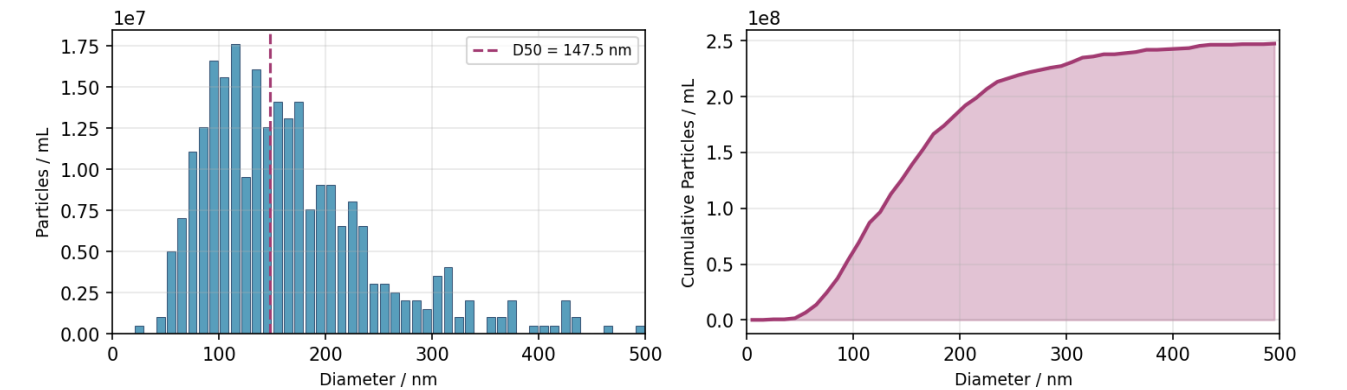
Result (sizes in nm)		
	Number	Volume
Median (X50)	147.5	147.5
StdDev	73.0	73.0

Instrument Parameters

Laser Wavelength:	488 nm	Frame Rate:	30 fps
Filter:	Scatter	Video Resolution:	medium
Sensitivity:	80	Traced Particles:	495
Shutter:	100	Positions:	11

Size Distribution

Size Distribution - PC3_100kDa_F1_2



X Values (all sizes given in nm)

	Number	Concentration	Volume
X10	77.5	77.5	77.5
X50	147.5	147.5	147.5
X90	257.5	257.5	257.5

Span	1.2	1.2	1.2
Mean	159.4	159.4	159.4
StdDev	73.0	73.0	73.0

Peak Analysis

Diameter (nm)	Particles/mL	FWHM (nm)	Percentage
92.5	2.48E+08	73.0	100.0

Analysis Software: EV Analysis Platform v1.0 | Report Generated: 2026-01-20 12:38:28

Comments:

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