

EV Analysis Platform

Nanoparticle Tracking Analysis Report

Video Analysis | Laser Scattering Microscopy

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

Sample Parameters

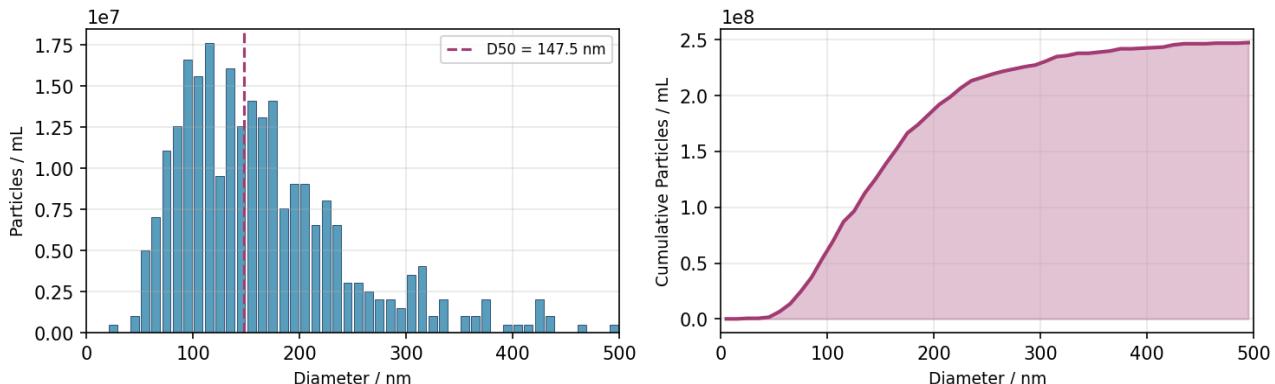
Sample Name:	PC3_100kDa_F1_2	Result (sizes in nm)	
Sample Info:	PC3 100kDa Fraction - 20251217_0016	Number	Volume
Electrolyte:	WATER	Median (X50)	147.5
Temperature:	25.1 °C	StdDev	73.0
Concentration:	2.48E+08 Particles/mL		
Dilution Factor:	500		

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:

_____ (Signature)