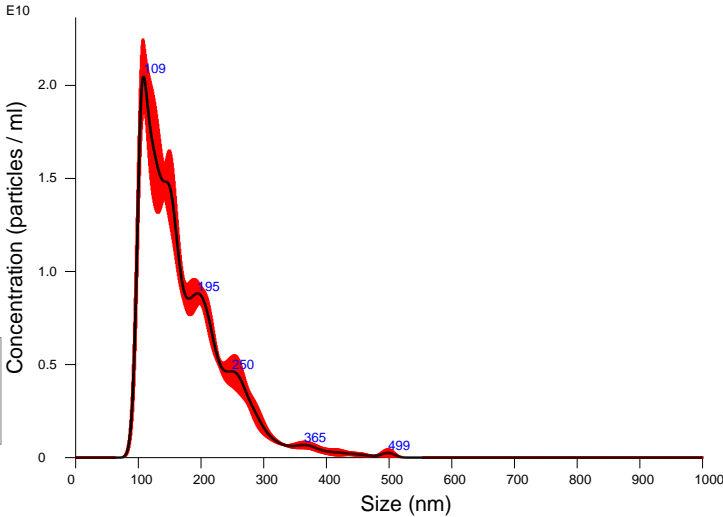


FTLA Concentration / Size graph for Experiment:
1000x_L_4_2_real 2024-09-25 12-16-28



Averaged FTLA Concentration / Size for Experiment:
1000x_L_4_2_real 2024-09-25 12-16-28
Error bars indicate + / - 1 standard error of the mean

Included Files

- 1000x_L_4_2_real 2024-09-25 12-17-17
- 1000x_L_4_2_real 2024-09-25 12-19-10
- 1000x_L_4_2_real 2024-09-25 12-20-47
- 1000x_L_4_2_real 2024-09-25 12-22-16
- 1000x_L_4_2_real 2024-09-25 12-23-42

Details

NTA Version: NTA 3.3 Dev Build 3.3.301
Script Used: SOP Standard Measurement 12-16-28PM 25~
Time Captured: 12:16:28 25/09/2024
Operator:
Pre-treatment:
Sample Name:
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue488
Camera Level: 10
Slider Shutter: 696
Slider Gain: 73
FPS: 25.0
Number of Frames: 1498
Temperature: 20.8 - 20.9 °C
Viscosity: (Water) 0.977 - 0.980 cP
Dilution factor: 1 x 10e3

Analysis Settings

Detect Threshold: 3
Blur Size: Auto
Max Jump Distance: Auto: 8.5 - 8.9 pix

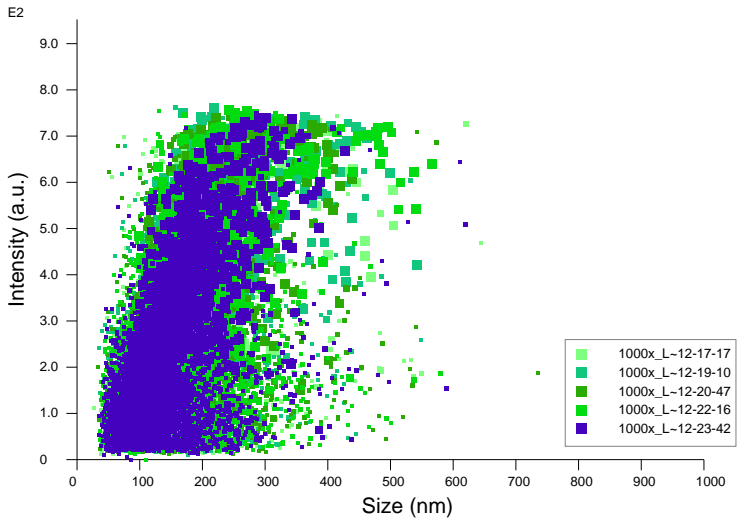
Results

Stats: Merged Data

Mean: 173.5 nm
Mode: 108.2 nm
SD: 67.8 nm
D10: 106.3 nm
D50: 154.9 nm
D90: 263.3 nm

Stats: Mean +/- Standard Error

Mean: 173.8 +/- 3.3 nm
Mode: 116.2 +/- 4.5 nm
SD: 67.4 +/- 2.2 nm
D10: 106.6 +/- 1.2 nm
D50: 155.2 +/- 4.1 nm
D90: 262.1 +/- 3.2 nm
Concentration: 2.00e+12 +/- 9.06e+10 particles/ml
101.4 +/- 4.6 particles/frame
101.8 +/- 4.2 centres/frame



Intensity / Size graph for Experiment:
1000x_L_4_2_real 2024-09-25 12-16-28

Script Used: (Full Text):

SOP Standard Measurement 12-16-28PM 25Sep2024.txt