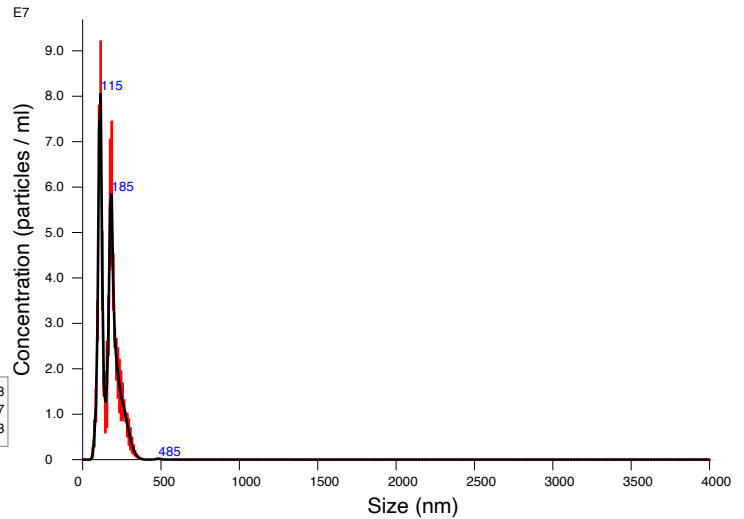


FTLA Concentration / Size graph for Experiment:
Capture 2022-09-23 13-33-13



Averaged FTLA Concentration / Size for Experiment:
Capture 2022-09-23 13-33-13
Error bars indicate + / -1 standard error of the mean

Included Files

Capture 2022-09-23 13-33-28
Capture 2022-09-23 13-33-57
Capture 2022-09-23 13-34-33

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 13:33:13 23/09/2022
Operator: Ruth
Pre-treatment:
Sample Name: hom. = 15m bench (2)
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 18.7
Number of Frames: 374
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 12
Blur Size: Auto
Max Jump Distance: Auto: 9.0 - 9.8 pix

Results

Stats: Merged Data

Mean: 166.9 nm
Mode: 111.8 nm
SD: 59.1 nm
D10: 101.9 nm
D50: 169.0 nm
D90: 248.7 nm

Stats: Mean +/- Standard Error

Mean: 166.6 +/- 3.3 nm
Mode: 111.2 +/- 2.2 nm
SD: 59.0 +/- 2.6 nm
D10: 102.0 +/- 2.4 nm
D50: 159.8 +/- 10.6 nm
D90: 253.4 +/- 6.0 nm
Concentration: 6.33e+08 +/- 3.11e+07 particles/ml
34.6 +/- 1.7 particles/frame
37.5 +/- 1.6 centres/frame