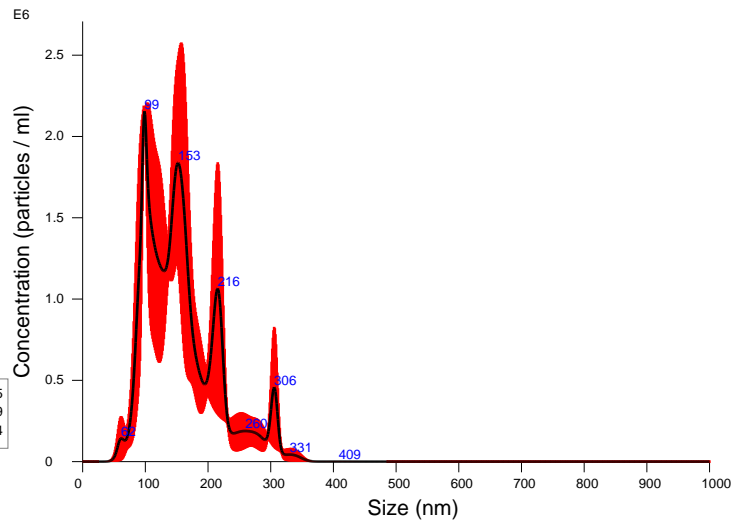


FTLA Concentration / Size graph for Experiment:
EV_PLASMA_ULTRA_PZ3 2021-09-03 12-01-47



Averaged FTLA Concentration / Size for Experiment:
EV_PLASMA_ULTRA_PZ3 2021-09-03 12-01-47
Error bars indicate + / - 1 standard error of the mean

Included Files

EV_PLASMA_ULTRA_PZ3 2021-09-03 12-01-55
EV_PLASMA_ULTRA_PZ3 2021-09-03 12-02-59
EV_PLASMA_ULTRA_PZ3 2021-09-03 12-04-04

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 12-01-47PM 03~
Time Captured: 12:01:47 03/09/2021
Operator: simo
Pre-treatment:
Sample Name: EV_PLASMA_ULTRA_PZ3
Diluent:
Remarks: 1:1000

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 14
Slider Shutter: 1259
Slider Gain: 366
FPS: 25.0
Number of Frames: 1498
Temperature: 24.7 - 24.9 °C
Viscosity: (Water) 0.892 - 0.894 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 50

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 11.5 - 16.5 pix

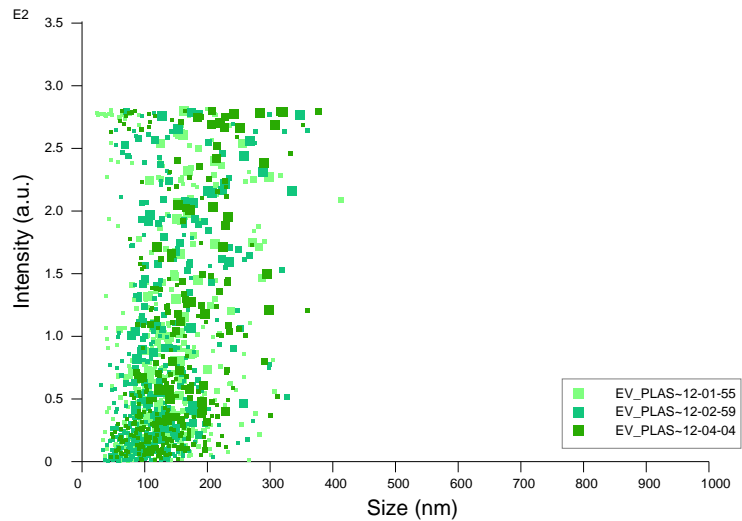
Results

Stats: Merged Data

Mean: 156.8 nm
Mode: 98.7 nm
SD: 57.6 nm
D10: 93.9 nm
D50: 146.7 nm
D90: 229.4 nm

Stats: Mean +/- Standard Error

Mean: 158.8 +/- 11.1 nm
Mode: 155.8 +/- 35.6 nm
SD: 55.7 +/- 3.1 nm
D10: 94.6 +/- 4.0 nm
D50: 145.0 +/- 10.1 nm
D90: 246.1 +/- 23.5 nm
Concentration: 1.93e+008 +/- 1.77e+007 particles/ml
9.8 +/- 0.9 particles/frame
11.5 +/- 1.1 centres/frame



Intensity / Size graph for Experiment:
EV_PLASMA_ULTRA_PZ3 2021-09-03 12-01-47

Script Used: (Full Text):

SOP Standard Measurement 12-01-47PM 03Sep2021.txt