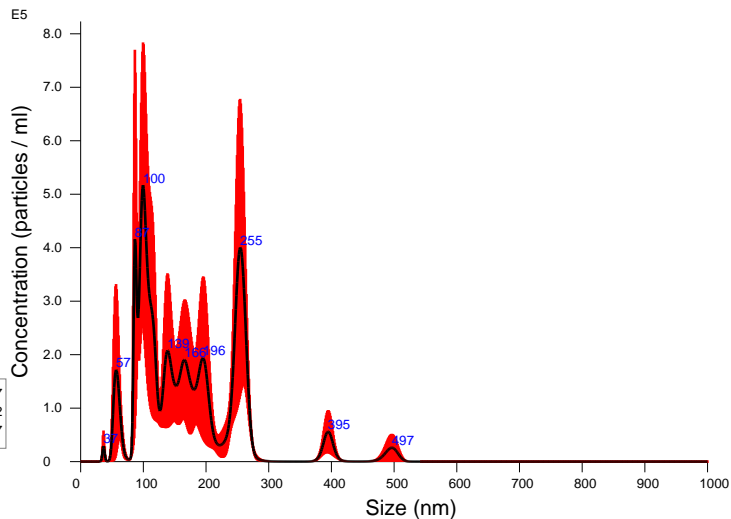


FTLA Concentration / Size graph for Experiment:
EV_saliva_S-O_pz2 2021-09-02 16-37-47



Averaged FTLA Concentration / Size for Experiment:
EV_saliva_S-O_pz2 2021-09-02 16-37-47
Error bars indicate + / - 1 standard error of the mean

Included Files

EV_saliva_S-O_pz2 2021-09-02 16-37-57
EV_saliva_S-O_pz2 2021-09-02 16-39-02
EV_saliva_S-O_pz2 2021-09-02 16-40-07

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 04-37-47PM 02~
Time Captured: 16:37:47 02/09/2021
Operator: simo
Pre-treatment:
Sample Name: EV_saliva_S-O_pz2
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: 26.5 °C
Viscosity: (Water) 0.858 - 0.859 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 50

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 14.0 - 32.3 pix

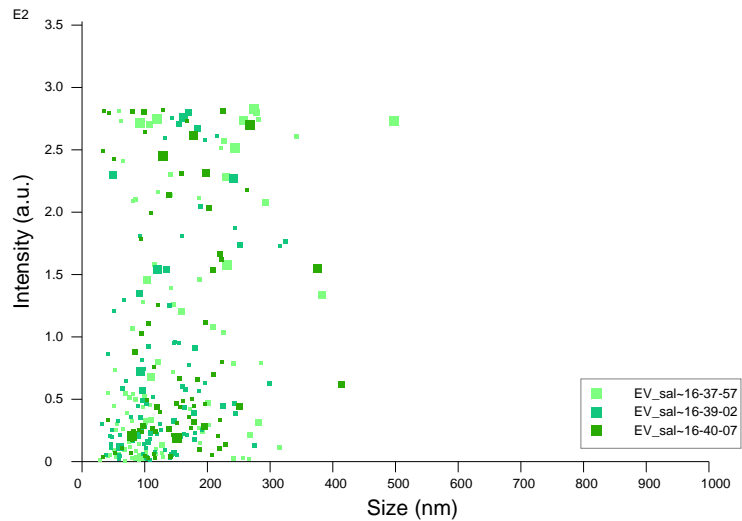
Results

Stats: Merged Data

Mean: 170.9 nm
Mode: 99.5 nm
SD: 85.2 nm
D10: 87.0 nm
D50: 152.5 nm
D90: 259.5 nm

Stats: Mean +/- Standard Error

Mean: 170.8 +/- 14.8 nm
Mode: 146.0 +/- 54.1 nm
SD: 79.9 +/- 12.7 nm
D10: 80.5 +/- 11.2 nm
D50: 158.6 +/- 9.1 nm
D90: 253.7 +/- 9.9 nm
Concentration: 4.10e+007 +/- 2.75e+006 particles/ml
2.1 +/- 0.1 particles/frame
2.5 +/- 0.2 centres/frame



Intensity / Size graph for Experiment:
EV_saliva_S-O_pz2 2021-09-02 16-37-47

Script Used: (Full Text):

SOP Standard Measurement 04-37-47PM 02Sep2021.txt