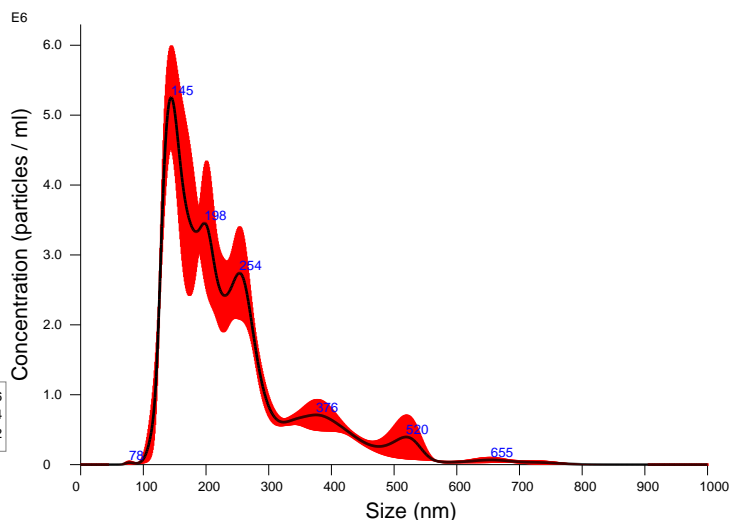


FTLA Concentration / Size graph for Experiment:
Hb2_2 Ultra 2020-02-17 14-22-40



Averaged FTLA Concentration / Size for Experiment:
Hb2_2 Ultra 2020-02-17 14-22-40
Error bars indicate + / - 1 standard error of the mean

Included Files

Hb2_2 Ultra 2020-02-17 14-23-06
Hb2_2 Ultra 2020-02-17 14-24-34
Hb2_2 Ultra 2020-02-17 14-25-42

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 02-22-40PM 17~
Time Captured: 14:22:40 17/02/2020
Operator: Antonio
Pre-treatment:
Sample Name: Hb2_2 Ultra
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 25.0
Number of Frames: 1498
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 9.8 - 10.5 pix

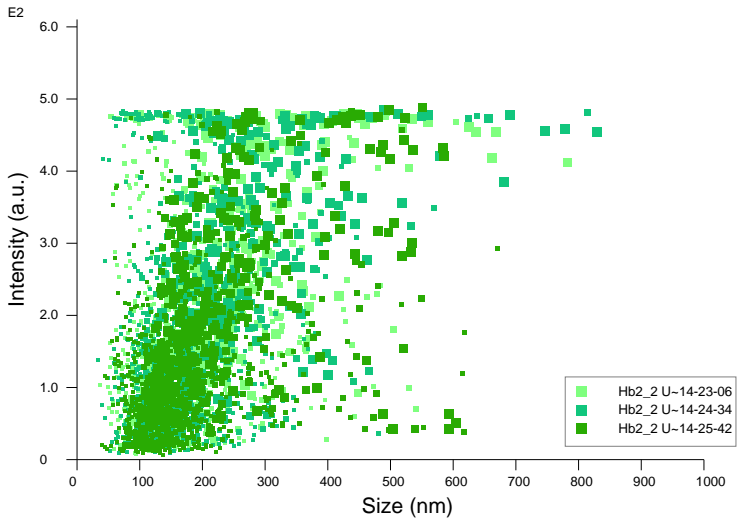
Results

Stats: Merged Data

Mean: 238.3 nm
Mode: 144.3 nm
SD: 109.0 nm
D10: 137.2 nm
D50: 205.9 nm
D90: 395.3 nm

Stats: Mean +/- Standard Error

Mean: 238.5 +/- 2.2 nm
Mode: 144.9 +/- 1.3 nm
SD: 108.8 +/- 2.4 nm
D10: 137.0 +/- 1.0 nm
D50: 204.6 +/- 7.0 nm
D90: 403.1 +/- 16.1 nm
Concentration: 6.80e+008 +/- 3.82e+007 particles/ml
34.5 +/- 1.9 particles/frame
40.8 +/- 1.1 centres/frame



Intensity / Size graph for Experiment:
Hb2_2 Ultra 2020-02-17 14-22-40

Script Used: (Full Text):

SOP Standard Measurement 02-22-40PM 17Feb2020.txt