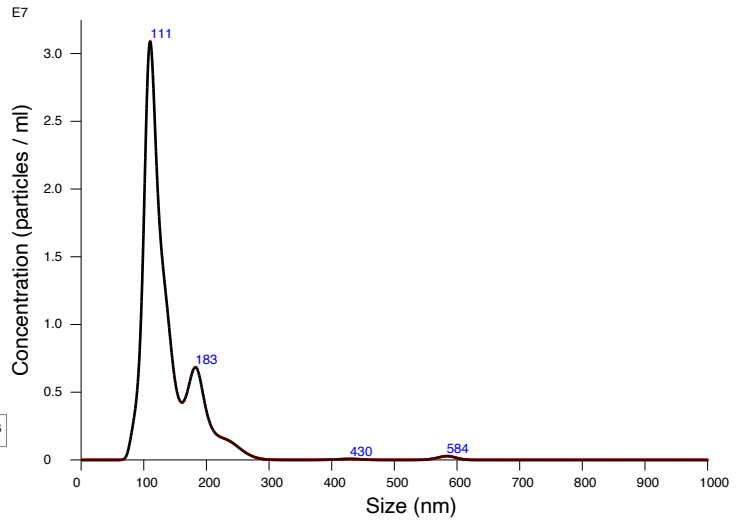


FTLA Concentration / Size graph for Experiment:
PC-3-x800 2021-02-03 13-51-26



Averaged FTLA Concentration / Size for Experiment:
PC-3-x800 2021-02-03 13-51-26
Error bars indicate +/- 1 standard error of the mean

Included Files

PC-3-x800 2021-02-03 13-52-26

Details

NTA Version: NTA 3.4 Build 3.4.4
 Script Used: SOP Standard Measurement 01-51-26PM 03~
 Time Captured: 13:51:26 03/02/2021
 Operator: Sample Data
 Pre-treatment:
 Sample Name: PC-3 **希釈倍数**
 Diluent: x800
 Remarks:

Capture Settings

Camera Type: sCMOS **Camera Level**
 Laser Type: Blue405
Camera Level: 13
 Slider Shutter: 1232
 Slider Gain: 219
 FPS: 25.0
 Number of Frames: 1499
 Temperature: 25.0 °C
 Viscosity: (Water) 0.9 cP
 Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 7 **Detect Threshold**
 Blur Size: Auto
 Max Jump Distance: Auto: 8.3 pix

サンプル情報・測定条件

Results

Stats: Merged Data

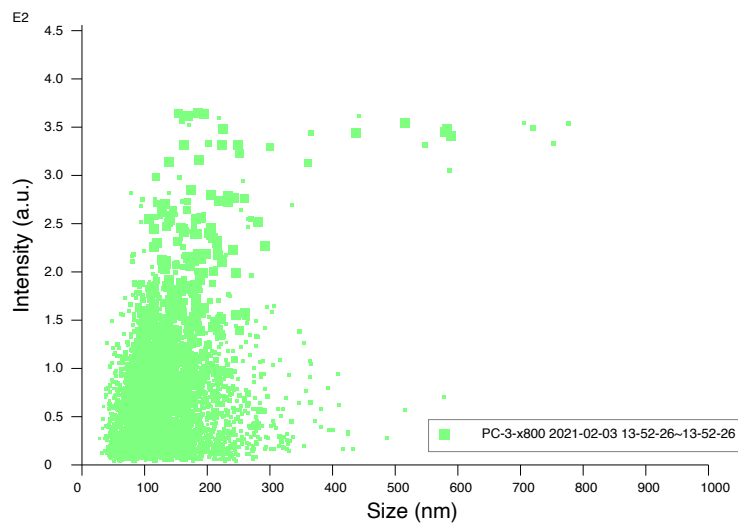
Mean: 139.0 nm **粒子径**
Mode: 110.1 nm
SD: 55.3 nm
 D10: 99.9 nm
 D50: 122.1 nm
 D90: 194.3 nm

Stats: Mean +/- Standard Error

Mean: 139.0 +/- 0.0 nm
 Mode: 110.1 +/- 0.0 nm
 SD: 55.3 +/- 0.0 nm
 D10: 99.9 +/- 0.0 nm
 D50: 122.1 +/- 0.0 nm
 D90: 194.3 +/- 0.0 nm
Concentration: 1.45e+09 +/- 0.00e+00 particles/ml **粒子数濃度**
 79.0 +/- 0.0 particles/frame
 80.7 +/- 0.0 centres/frame

粒子数濃度の至適範囲: 5.0x10⁸ particles/mL以上を推奨

測定結果



Intensity / Size graph for Experiment:
PC-3-x800 2021-02-03 13-51-26

Script Used: (Full Text):

SOP Standard Measurement 01-51-26PM 03Feb2021.txt