

Included Files

EV_URINE_ULTRA_PZ3 2021-09-03 11-44-15
EV_URINE_ULTRA_PZ3 2021-09-03 11-45-19
EV_URINE_ULTRA_PZ3 2021-09-03 11-46-24

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 11-44-07AM 03~
Time Captured: 11:44:07 03/09/2021
Operator: simo
Pre-treatment:
Sample Name: EV_URINE_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: 24.1 - 24.2 °C
Viscosity: (Water) 0.904 - 0.907 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 50

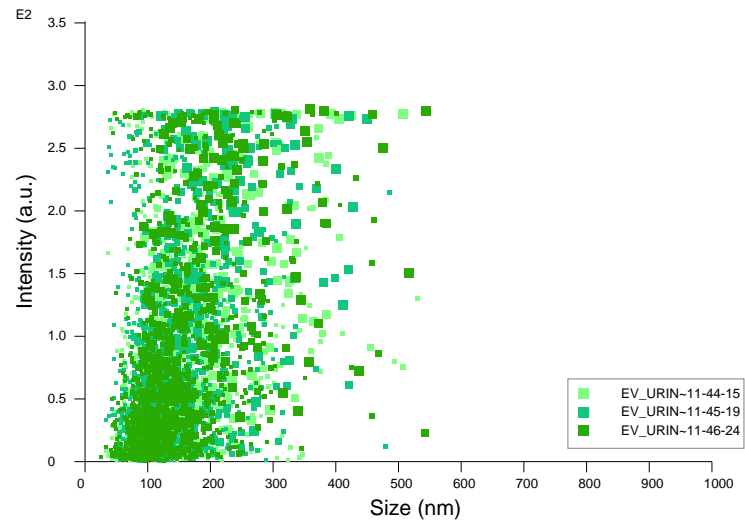
Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 11.2 - 12.1 pix

Results

Stats: Merged Data
Mean: 175.7 nm
Mode: 104.0 nm
SD: 74.0 nm
D10: 101.7 nm
D50: 153.9 nm
D90: 265.9 nm

Stats: Mean +/- Standard Error
Mean: 175.7 +/- 1.1 nm
Mode: 116.7 +/- 12.0 nm
SD: 74.0 +/- 3.0 nm
D10: 101.7 +/- 1.4 nm
D50: 155.3 +/- 4.3 nm
D90: 268.8 +/- 9.1 nm
Concentration: 6.65e+008 +/- 1.54e+007 particles/ml
33.7 +/- 0.8 particles/frame
37.6 +/- 1.0 centres/frame



Intensity / Size graph for Experiment:
EV_URINE_ULTRA_PZ3 2021-09-03 11-44-07

Script Used: (Full Text):

SOP Standard Measurement 11-44-07AM 03Sep2021.txt