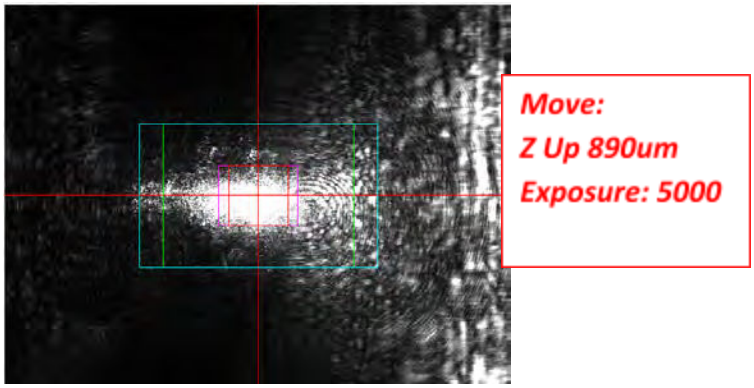
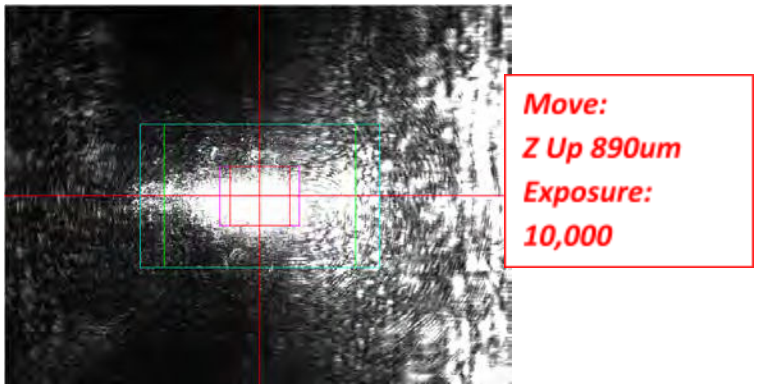
nanocellect Biomedical, Inc.

Produc on 92 LASER ALIGNMENT REPORT

Alignment done by Conor

Date: 11/07/2019

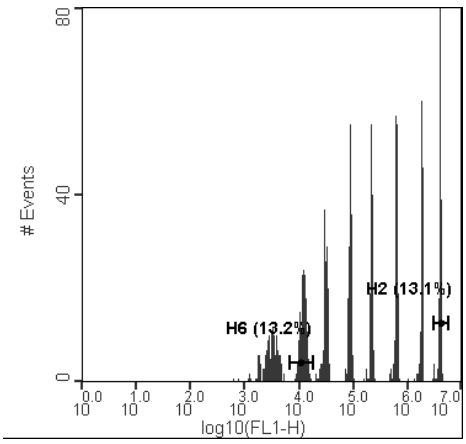


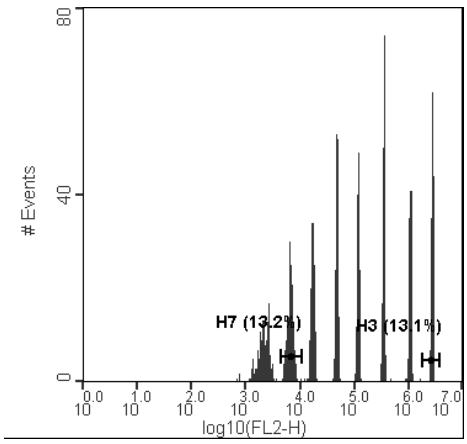


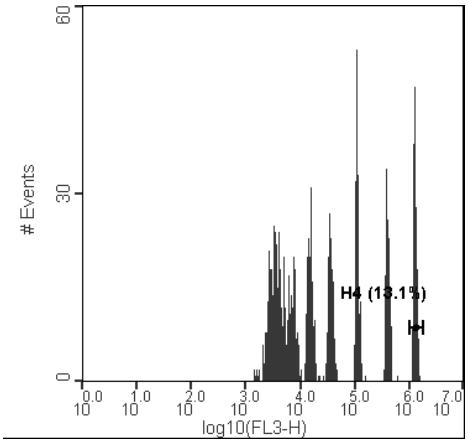
Cartridge ID: 53-2384
Type of cartridge: Sorting
Cartridge aligned with: Gold
Laser power: 30mW, Exposure: 5000 (Left), 10000 (Right)
Hysteresis value xyz = 0.008um
Date image is captured: 12/05/2019

Rainbow beads reference data

Date rbw beads analyzed: 12/05/2019







	Peak 8 CV%	Peak 8 Mean	Peak 2 CV%	Peak 2 Mean
FL1	5.51	4,012,935	12.86	12,213
FL2	3.97	2,784,251	13.12	6,721
FL3	6.69	1,295,087	N/A	N/A

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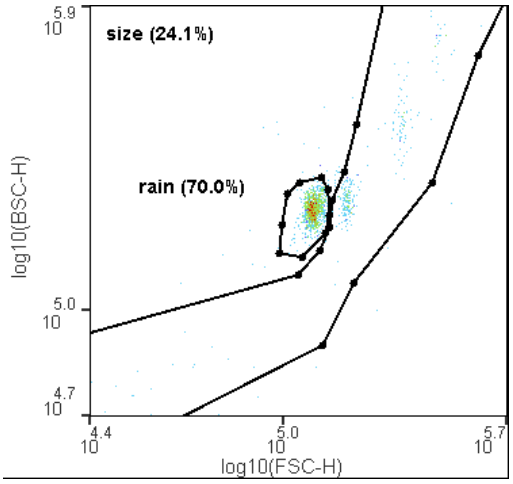
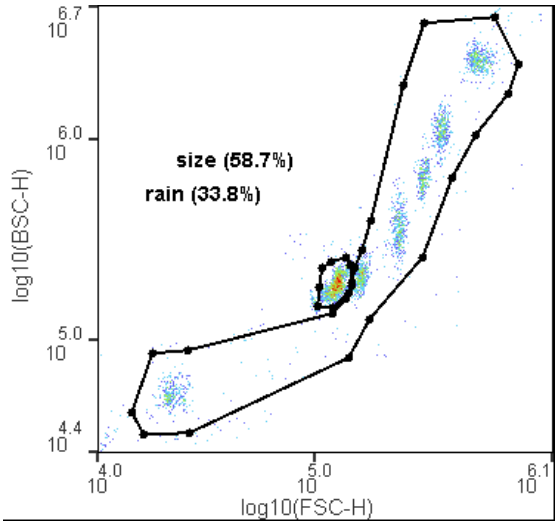
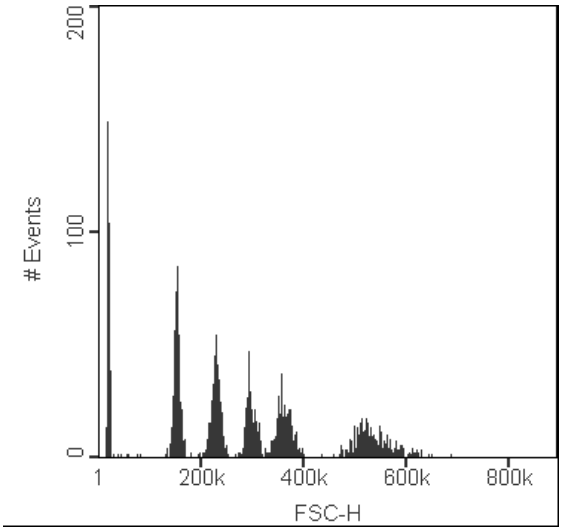
Gate



Trigger: FSC
Threshold: 8,400
Gain: FL1=FL2=FL3=0.43V, BSC=0.28V

Size Calibra on Beads





Chip center value
x: 3.020111y:1.4988708 z:1.68927

Chip center image with reference cartridge

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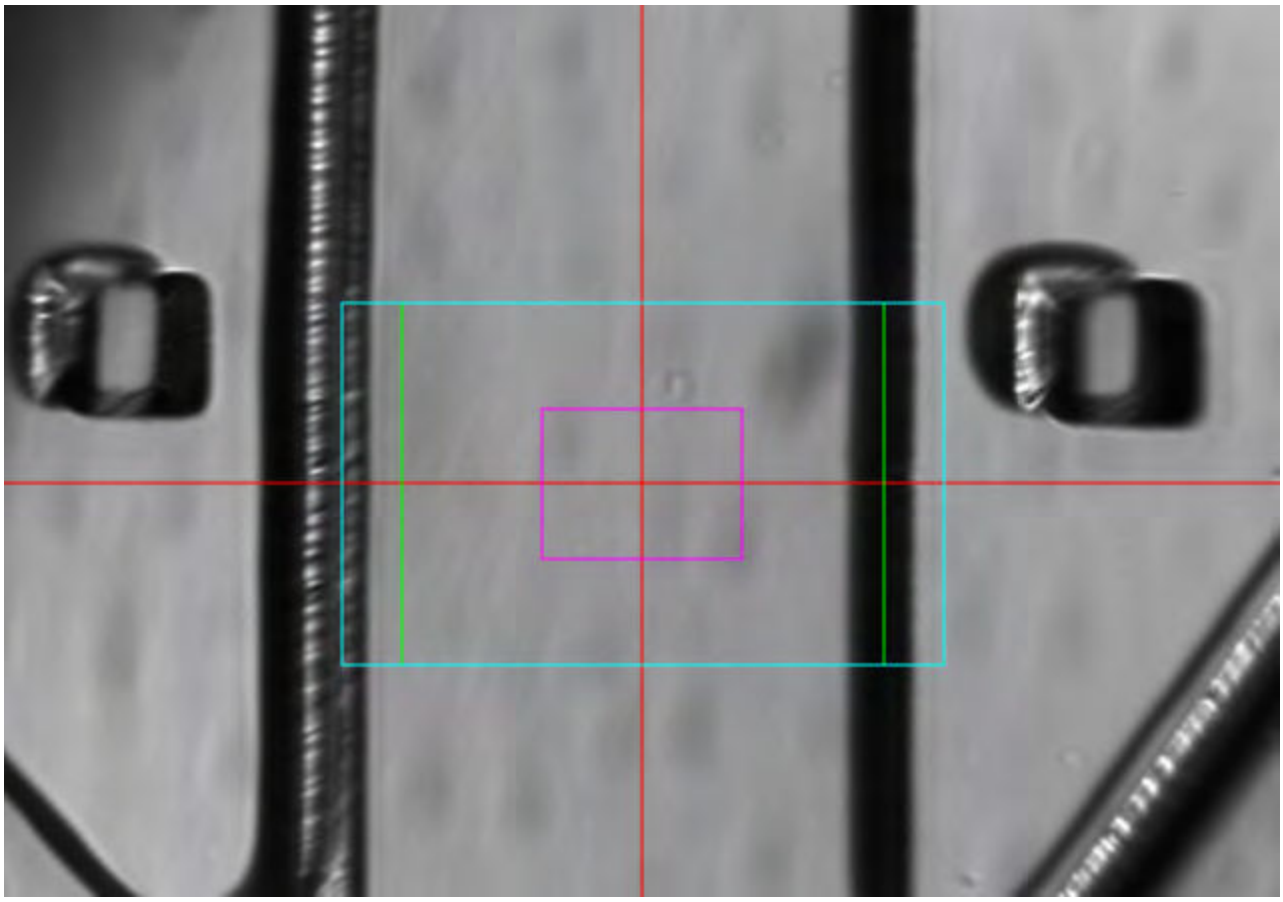

Baseline with dry cartridge

	Fl3	Fl2	Fl1	Bsc	Fsc
Offset	24.023u	500.20u	480.76u	-501.17u	30.762u
StDev	37.841p	668.89p	84.316p	84.283p	82.871p

Manager: _____ **Date:** 12/10/2019

Operator: _____ **Date:** 12/10/2019