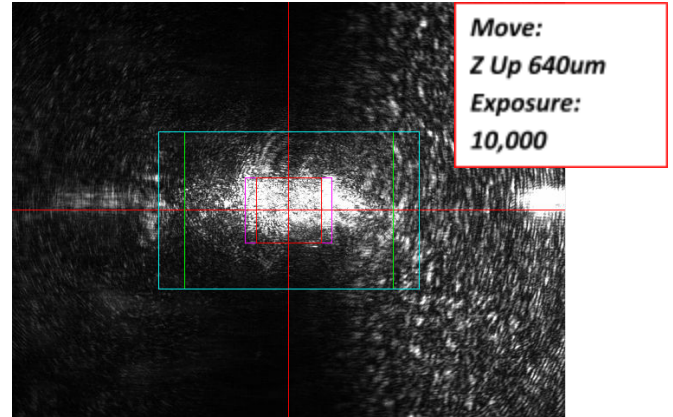
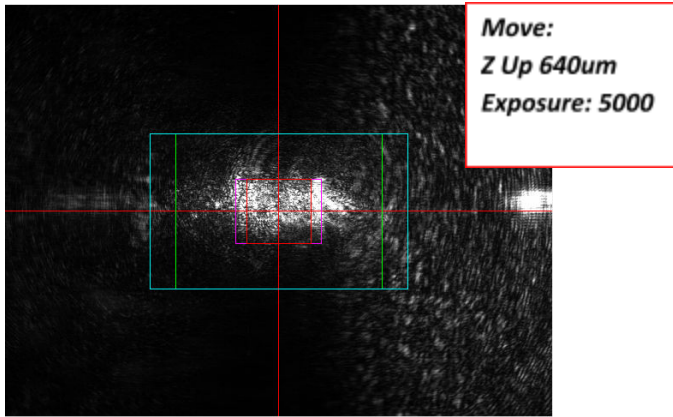


Production 33 LASER ALIGNMENT REPORT

Alignment done by: David Sisombath

Date: 01/21/2020



Cartridge ID:23-1262

Type of cartridge: Sorting

Cartridge aligned with: PDMS

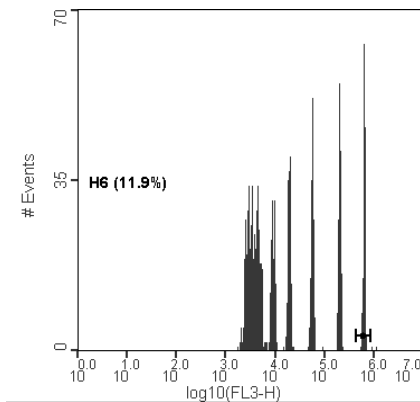
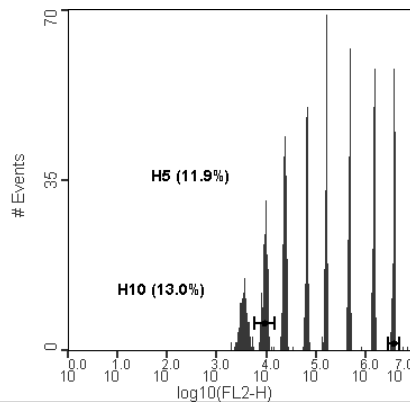
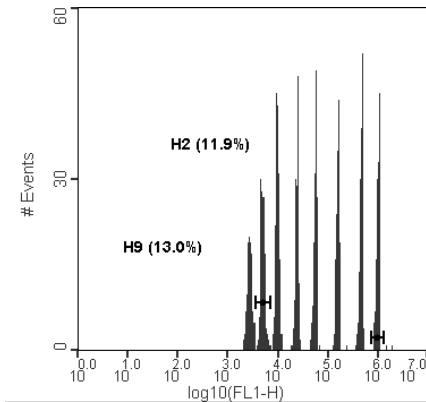
Laser power: 30mW, Exposure: 5000 (Left), 10000 (Right)

Hysteresis value xyz = 0.008um

Date image is captured:01_21_2020

Rainbow beads reference data

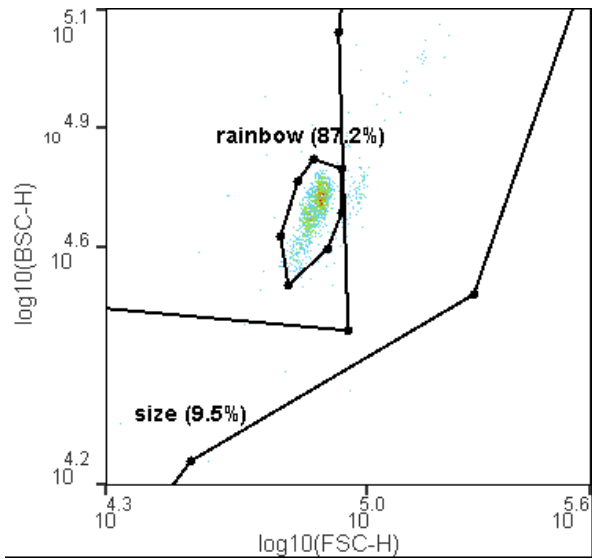
Date rbw beads analyzed:01_21_2020



	Peak 8 CV%	Peak 8 Mean	Peak 2 CV%	Peak 2 Mean
FL1	6.66	1,013,051	10.55	5,051
FL2	4.69	3,805,944	11.49	9,631
FL3	4.44	652,780	N/A	N/A

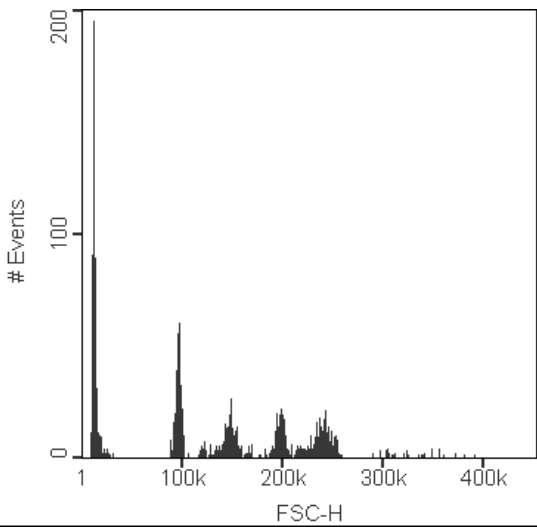
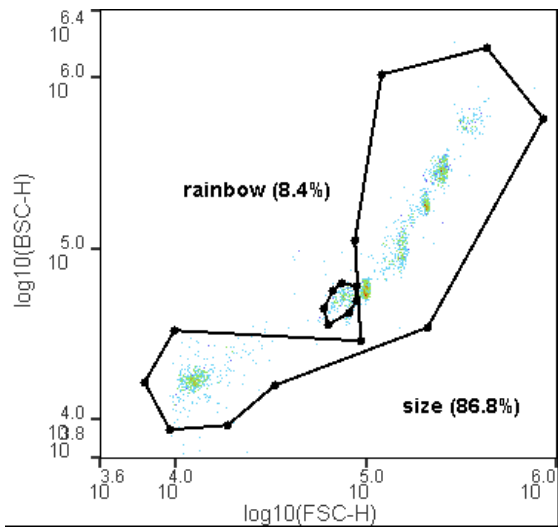
Production 33 LASER ALIGNMENT REPORT

Gate



Trigger: FSC
Threshold: 8,400
Gain:
FL1= 430mV
FL2= 430mV
FL3= 430mV,
BSC= 0.28V

Size Calibration Beads

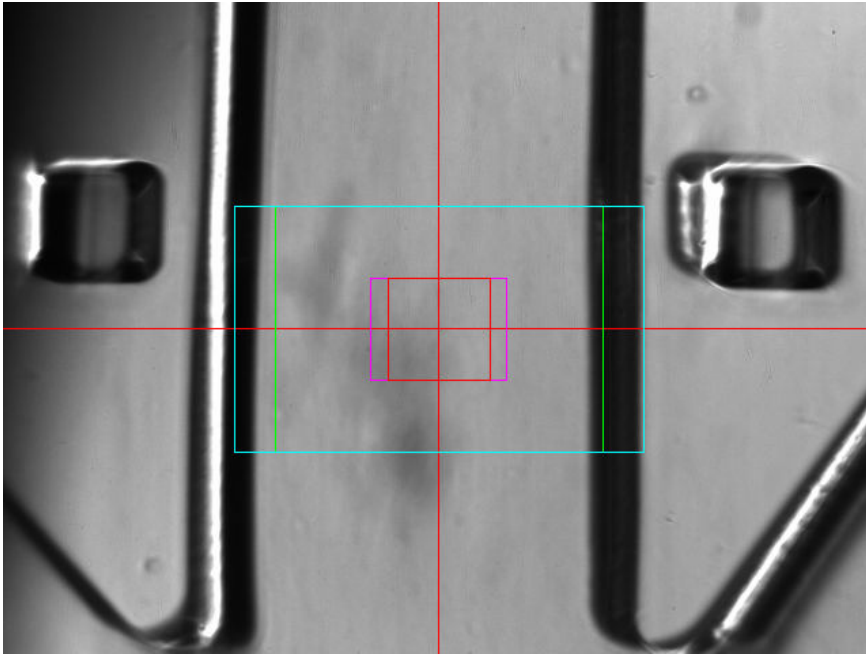


Production 33 LASER ALIGNMENT REPORT

Chip center value

x: 2.9692688 y: 2.52417 z: 2.3187256

Chip center image with reference cartridge



Baseline with dry cartridge

Cartridge ID: 23-1262

	FI3	FI2	FI1	Bsc	Fsc
Offset	219.53u	31.348u	-43.066u	248.34u	375.78u
StDev	14.570p	180.96p	89.849p	151.18p	593.10p

Manager: Constance Johnson-Bell Date: 1/22/2020

Operator: D.S Date: 1/21/2020