

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-15 10:02
Bead Expires:	2016-05-31	Cytometer SN:	AR50052
Cytometer Name:	CytoFLEX		
Detector Configuration:	Default-Configuration		
Loader Type:	Plate Loader		

Threshold

Channel: FSC(Height) Mode: Manual Value: 50000

Laser

Laser	Delay(μs)	Default Delay(μs)	Difference Delay(μs)	Power(mW)	Target Power(mW)	Result
Blue laser	0.00	0.00	0.00	43	40-60	✓
Red laser	-36.32	-36.32	0.00	54	40-60	✓
Violet laser	40.80	40.80	0.00	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	60	60	0.00	268422.5	266685.5	0.65	-	-	1170.6	✓
SSC	113	113	0.00	744075.2	733731.3	1.41	-	-	1269.7	✓
FITC	146	146	0.00	3661384.0	3680135.0	-0.51	2.39	5.00	1319.9	✓
PE	92	92	0.00	1262546.0	1287685.0	-1.95	2.39	5.00	1321.0	✓
ECD	130	130	0.00	683276.2	698060.5	-2.12	2.53	5.00	1331.4	✓
PC5.5	258	258	0.00	1565496.0	1608234.0	-2.66	2.50	5.00	1324.0	✓
PC7	371	371	0.00	264750.7	271742.9	-2.57	2.85	5.00	1326.0	✓
APC	515	515	0.00	477827.3	487277.1	-1.94	1.75	5.00	1334.4	✓
APC-A700	522	522	0.00	1880329.0	1912410.0	-1.68	1.77	5.00	1320.5	✓
APC-A750	522	522	0.00	668533.8	674046.5	-0.82	1.88	5.00	1330.4	✓
PB450	52	52	0.00	734310.6	742276.9	-1.07	1.26	5.00	1900.2	✓
KO525	34	34	0.00	146602.7	146362.2	0.16	1.60	5.00	1905.8	✓
Violet610	199	199	0.00	93297.4	93808.6	-0.54	1.79	5.00	1903.6	✓
Violet660	219	219	0.00	42484.1	42751.1	-0.62	2.34	5.00	1903.2	✓
Violet780	204	204	0.00	62954.4	62887.6	0.11	1.97	5.00	1901.0	✓

Specifications

Delay: $-5.00\mu s \leq \text{Difference Delay} \leq 5.00\mu s$.

Gain: $-20.00\% \leq \% \text{Difference Target Gain} \leq 20.00\%$.

Median: $-5.00\% \leq \% \text{Difference Target Median} \leq 5.00\%$.

rCV: $rCV(\%) \leq \text{Target } rCV(\%)$.

Result

QC Passed.

Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.