

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-18 07:37
Bead Expires:	2016-05-31	Cytometer SN:	AR50052
Cytometer Name:	CytoFLEX		
Detector Configuration:	Default-Configuration		
Loader Type:	Semi Automatic		

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	-36.64	-36.48	-0.16	54	40-60	✓
Violet laser	41.12	40.80	0.32	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	57	60	-5.00	275423.4	266685.5	3.28	-	-	1211.9	✓
SSC	113	113	0.00	744108.4	733731.3	1.41	-	-	1300.2	✓
FITC	146	146	0.00	3734752.0	3680135.0	1.48	2.71	5.00	1343.1	✓
PE	92	92	0.00	1291620.0	1287685.0	0.31	2.74	5.00	1343.6	✓
ECD	130	130	0.00	698872.6	698060.5	0.12	2.85	5.00	1354.8	✓
PC5.5	258	258	0.00	1611258.0	1608234.0	0.19	2.87	5.00	1345.5	✓
PC7	371	371	0.00	272109.4	271742.9	0.13	3.21	5.00	1347.6	✓
APC	515	515	0.00	472143.4	487277.1	-3.11	1.96	5.00	1338.9	✓
APC-A700	522	522	0.00	1855924.0	1912410.0	-2.95	2.07	5.00	1326.1	✓
APC-A750	522	522	0.00	662372.2	674046.5	-1.73	2.29	5.00	1335.3	✓
PB450	52	52	0.00	756753.4	742276.9	1.95	1.31	5.00	1923.4	✓
KO525	34	34	0.00	150942.0	146362.2	3.13	1.70	5.00	1929.9	✓
Violet610	199	199	0.00	96029.0	93808.6	2.37	1.98	5.00	1928.1	✓
Violet660	219	219	0.00	43714.5	42751.1	2.25	2.73	5.00	1928.0	✓
Violet780	204	204	0.00	64989.8	62887.6	3.34	2.04	5.00	1923.8	✓

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.