

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 12:58
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	44	40-60	✓
Red laser	-37.92	-38.24	0.32	54	40-60	✓
Violet laser	38.88	39.04	-0.16	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	62	65	-4.62	268958.0	266685.5	0.85	-	-	1148.4	✓
SSC	125	125	0.00	725727.1	733731.3	-1.09	-	-	1310.5	✓
FITC	146	146	0.00	3628944.0	3680135.0	-1.39	3.91	5.00	1319.0	✓
PE	92	92	0.00	1253379.0	1287685.0	-2.66	3.84	5.00	1322.4	✓
ECD	131	131	0.00	679922.5	698060.5	-2.60	3.51	5.00	1333.2	✓
PC5.5	262	262	0.00	1574358.0	1608234.0	-2.11	4.21	5.00	1324.1	✓
PC7	375	375	0.00	264467.6	271742.9	-2.68	4.60	5.00	1326.9	✓
APC	515	515	0.00	479304.8	487277.1	-1.64	1.89	5.00	1333.4	✓
APC-A700	522	522	0.00	1891645.0	1912410.0	-1.09	2.00	5.00	1319.9	✓
APC-A750	518	518	0.00	663192.0	674046.5	-1.61	2.12	5.00	1331.1	✓
PB450	56	56	0.00	741447.2	742276.9	-0.11	1.26	5.00	1871.0	✓
KO525	36	36	0.00	145036.1	146362.2	-0.91	1.71	5.00	1882.1	✓
Violet610	209	209	0.00	93434.2	93808.6	-0.40	1.93	5.00	1875.3	✓
Violet660	231	231	0.00	42719.8	42751.1	-0.07	2.69	5.00	1887.8	✓
Violet780	215	215	0.00	62609.7	62887.6	-0.44	2.01	5.00	1879.9	✓

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.