

QC Report

Bead Lot No.:	45180	QC Date:	2016-07-14 17:23
Bead Expires:	2017-11-30	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	-36.80	-36.48	-0.32	57	40-60	✓
Violet laser	41.12	40.80	0.32	71	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	266535.1	267085.0	-0.21	-	-	1167.2	✓
SSC	120	120	0.00	732453.4	731937.6	0.07	-	-	1303.2	✓
FITC	146	146	0.00	3497213.0	3472441.0	0.71	2.28	5.00	1322.6	✓
PE	92	92	0.00	1210290.0	1210379.0	-0.01	2.21	5.00	1323.7	✓
ECD	130	130	0.00	655627.4	648821.1	1.05	2.16	5.00	1332.6	✓
PC5.5	258	258	0.00	1488430.0	1496865.0	-0.56	2.36	5.00	1327.2	✓
PC7	371	371	0.00	251670.6	253349.7	-0.66	2.58	5.00	1326.6	✓
APC	515	515	0.00	486639.0	476957.5	2.03	1.85	5.00	1345.6	✓
APC-A700	522	522	0.00	1903534.0	1882964.0	1.09	1.83	5.00	1332.9	✓
APC-A750	497	497	0.00	639663.0	649742.7	-1.55	1.84	5.00	1342.9	✓
PB450	57	57	0.00	748731.4	766914.6	-2.37	1.54	5.00	1865.8	✓
KO525	38	36	5.56	151820.2	149248.1	1.72	2.04	5.00	1878.6	✓
Violet610	209	209	0.00	91328.2	93528.0	-2.35	2.29	5.00	1870.9	✓
Violet660	232	232	0.00	41784.4	42838.4	-2.46	3.14	5.00	1877.4	✓
Violet780	222	213	4.23	62830.0	62851.0	-0.03	2.53	5.00	1874.0	✓

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.