

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-01 12:21
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	-38.08	-38.08	0.00	54	40-60	✓
Violet laser	39.04	39.04	0.00	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	63	63	0.00	268505.6	266685.5	0.68	-	-	1158.8	✓
SSC	125	125	0.00	732916.4	733731.3	-0.11	-	-	1287.0	✓
FITC	146	146	0.00	3608745.0	3680135.0	-1.94	3.86	5.00	1321.9	✓
PE	92	92	0.00	1248973.0	1287685.0	-3.01	3.79	5.00	1324.9	✓
ECD	131	131	0.00	677573.9	698060.5	-2.93	3.49	5.00	1335.4	✓
PC5.5	262	262	0.00	1573559.0	1608234.0	-2.16	4.20	5.00	1327.8	✓
PC7	391	391	0.00	275971.9	271742.9	1.56	4.52	5.00	1329.1	✓
APC	515	515	0.00	482393.5	487277.1	-1.00	1.80	5.00	1332.8	✓
APC-A700	522	522	0.00	1906193.0	1912410.0	-0.33	1.81	5.00	1321.0	✓
APC-A750	518	518	0.00	667295.3	674046.5	-1.00	1.97	5.00	1330.0	✓
PB450	59	59	0.00	740631.0	742276.9	-0.22	1.23	5.00	1842.1	✓
KO525	38	38	0.00	146326.3	146362.2	-0.02	1.63	5.00	1860.3	✓
Violet610	219	219	0.00	92271.6	93808.6	-1.64	1.92	5.00	1853.4	✓
Violet660	242	242	0.00	42380.2	42751.1	-0.87	2.71	5.00	1863.4	✓
Violet780	226	226	0.00	62246.8	62887.6	-1.02	2.17	5.00	1852.7	✓

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.