

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-19 11:08
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	-36.64	-36.48	-0.16	54	40-60	✓
Violet laser	41.28	41.28	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	59	59	0.00	264085.6	266685.5	-0.97	-	-	1174.2	✓
SSC	113	113	0.00	729408.4	733731.3	-0.59	-	-	1281.9	✓
FITC	146	146	0.00	3631232.0	3680135.0	-1.33	2.90	5.00	1328.8	✓
PE	92	92	0.00	1252620.0	1287685.0	-2.72	2.91	5.00	1329.3	✓
ECD	130	130	0.00	678280.9	698060.5	-2.83	3.13	5.00	1339.0	✓
PC5.5	258	258	0.00	1553683.0	1608234.0	-3.39	3.00	5.00	1332.2	✓
PC7	371	371	0.00	263177.5	271742.9	-3.15	3.38	5.00	1335.0	✓
APC	515	515	0.00	481933.0	487277.1	-1.10	1.84	5.00	1344.3	✓
APC-A700	522	522	0.00	1895550.0	1912410.0	-0.88	1.78	5.00	1330.5	✓
APC-A750	522	522	0.00	672267.7	674046.5	-0.26	1.86	5.00	1340.0	✓
PB450	52	52	0.00	720077.1	742276.9	-2.99	1.34	5.00	1901.4	✓
KO525	34	34	0.00	143852.1	146362.2	-1.71	1.74	5.00	1910.5	✓
Violet610	199	199	0.00	91634.1	93808.6	-2.32	1.88	5.00	1903.2	✓
Violet660	219	219	0.00	41725.5	42751.1	-2.40	2.61	5.00	1907.4	✓
Violet780	204	204	0.00	61898.2	62887.6	-1.57	2.13	5.00	1903.8	✓

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.