

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-08 11:49
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	-39.20	-38.72	-0.48	54	40-60	✓
Violet laser	39.84	39.84	0.00	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	58	63	-7.94	271190.8	266685.5	1.69	-	-	1183.9	✓
SSC	128	128	0.00	731723.5	733731.3	-0.27	-	-	1385.2	✓
FITC	147	147	0.00	3769437.0	3680135.0	2.43	3.08	5.00	1376.8	✓
PE	93	93	0.00	1307786.0	1287685.0	1.56	3.30	5.00	1377.1	✓
ECD	132	132	0.00	704612.1	698060.5	0.94	3.29	5.00	1386.5	✓
PC5.5	263	263	0.00	1633596.0	1608234.0	1.58	3.67	5.00	1379.2	✓
PC7	372	372	0.00	272671.4	271742.9	0.34	3.95	5.00	1376.4	✓
APC	515	515	0.00	475661.1	487277.1	-2.38	1.87	5.00	1356.5	✓
APC-A700	522	522	0.00	1877222.0	1912410.0	-1.84	1.98	5.00	1343.1	✓
APC-A750	518	518	0.00	662461.9	674046.5	-1.72	2.01	5.00	1352.4	✓
PB450	50	59	-15.25	741176.6	742276.9	-0.15	1.22	5.00	1960.2	✓
KO525	32	38	-15.79	145275.5	146362.2	-0.74	1.68	5.00	1966.6	✓
Violet610	191	223	-14.35	93423.3	93808.6	-0.41	1.79	5.00	1961.4	✓
Violet660	211	243	-13.17	42762.3	42751.1	0.03	2.66	5.00	1964.1	✓
Violet780	195	229	-14.85	63235.5	62887.6	0.55	1.92	5.00	1961.0	✓

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.

Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.