

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-14 14:24
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	-39.04	-39.04	0.00	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	58	0.00	258017.4	266685.5	-3.25	-	-	1169.7	✓
SSC	128	128	0.00	734450.0	733731.3	0.10	-	-	1361.5	✓
FITC	147	147	0.00	3738891.0	3680135.0	1.60	3.34	5.00	1356.0	✓
PE	93	93	0.00	1298840.0	1287685.0	0.87	3.43	5.00	1357.7	✓
ECD	132	132	0.00	700064.5	698060.5	0.29	3.25	5.00	1367.6	✓
PC5.5	263	263	0.00	1613163.0	1608234.0	0.31	3.79	5.00	1357.1	✓
PC7	372	372	0.00	268386.1	271742.9	-1.24	4.37	5.00	1356.0	✓
APC	515	515	0.00	477299.4	487277.1	-2.05	1.78	5.00	1355.1	✓
APC-A700	522	522	0.00	1880642.0	1912410.0	-1.66	2.17	5.00	1338.7	✓
APC-A750	518	518	0.00	664083.6	674046.5	-1.48	2.01	5.00	1350.3	✓
PB450	52	50	4.00	738749.7	742276.9	-0.48	1.49	5.00	1926.1	✓
KO525	34	32	6.25	147430.3	146362.2	0.73	2.00	5.00	1934.7	✓
Violet610	191	191	0.00	89956.8	93808.6	-4.11	2.14	5.00	1928.4	✓
Violet660	211	211	0.00	41002.7	42751.1	-4.09	3.05	5.00	1931.8	✓
Violet780	195	195	0.00	60591.4	62887.6	-3.65	2.42	5.00	1928.9	✓

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.