

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-20 10:14
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	-36.48	-36.64	0.16	57	40-60	✓
Violet laser	40.80	41.28	-0.48	70	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	269957.4	266685.5	1.23	-	-	1179.3	✓
SSC	113	113	0.00	724786.2	733731.3	-1.22	-	-	1277.5	✓
FITC	146	146	0.00	3658294.0	3680135.0	-0.59	2.98	5.00	1325.0	✓
PE	92	92	0.00	1264673.0	1287685.0	-1.79	3.04	5.00	1326.0	✓
ECD	130	130	0.00	684220.1	698060.5	-1.98	3.33	5.00	1336.1	✓
PC5.5	258	258	0.00	1572797.0	1608234.0	-2.20	3.06	5.00	1329.5	✓
PC7	371	371	0.00	266288.1	271742.9	-2.01	3.42	5.00	1330.9	✓
APC	515	515	0.00	472251.3	487277.1	-3.08	1.83	5.00	1335.8	✓
APC-A700	522	522	0.00	1857854.0	1912410.0	-2.85	1.95	5.00	1322.3	✓
APC-A750	522	522	0.00	660229.8	674046.5	-2.05	1.99	5.00	1332.6	✓
PB450	52	52	0.00	728543.2	742276.9	-1.85	1.26	5.00	1894.4	✓
KO525	34	34	0.00	145695.2	146362.2	-0.46	1.60	5.00	1902.8	✓
Violet610	199	199	0.00	92748.6	93808.6	-1.13	1.93	5.00	1899.0	✓
Violet660	219	219	0.00	42178.0	42751.1	-1.34	2.57	5.00	1897.9	✓
Violet780	204	204	0.00	62540.7	62887.6	-0.55	2.03	5.00	1895.9	✓

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.