

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-14 16:50
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	-37.28	-38.72	1.44	57	40-60	✓
Violet laser	41.60	39.84	1.76	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	60	60	0.00	277104.3	266685.5	3.91	-	-	1200.1	✓
SSC	120	128	-6.25	743912.9	733731.3	1.39	-	-	1317.8	✓
FITC	146	136	7.35	3694872.0	3680135.0	0.40	2.68	5.00	1353.4	✓
PE	92	86	6.98	1292988.0	1287685.0	0.41	2.77	5.00	1354.1	✓
ECD	130	121	7.44	702022.5	698060.5	0.57	2.59	5.00	1364.2	✓
PC5.5	258	241	7.05	1613357.0	1608234.0	0.32	3.19	5.00	1356.3	✓
PC7	371	347	6.92	272544.3	271742.9	0.29	3.41	5.00	1359.0	✓
APC	515	515	0.00	500471.0	487277.1	2.71	1.90	5.00	1361.1	✓
APC-A700	522	522	0.00	1965468.0	1912410.0	2.77	1.92	5.00	1348.0	✓
APC-A750	497	497	0.00	660785.9	674046.5	-1.97	1.90	5.00	1358.3	✓
PB450	57	57	0.00	770828.4	742276.9	3.85	1.47	5.00	1901.1	✓
KO525	36	36	0.00	146918.6	146362.2	0.38	1.95	5.00	1914.6	✓
Violet610	209	209	0.00	95645.7	93808.6	1.96	2.28	5.00	1906.9	✓
Violet660	232	232	0.00	43730.5	42751.1	2.29	3.24	5.00	1908.2	✓
Violet780	213	213	0.00	63376.9	62887.6	0.78	2.49	5.00	1908.6	✓

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.