

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 12:27
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	-38.56	-38.72	0.16	54	40-60	✓
Violet laser	39.52	39.52	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	60	60	0.00	257987.1	266685.5	-3.26	-	-	1172.1	✓
SSC	125	118	5.93	743278.1	733731.3	1.30	-	-	1331.9	✓
FITC	146	146	0.00	3692064.0	3680135.0	0.32	3.28	5.00	1346.1	✓
PE	92	92	0.00	1279527.0	1287685.0	-0.63	3.20	5.00	1349.5	✓
ECD	131	131	0.00	694974.7	698060.5	-0.44	2.93	5.00	1360.2	✓
PC5.5	262	262	0.00	1616626.0	1608234.0	0.52	3.56	5.00	1351.3	✓
PC7	375	375	0.00	271024.1	271742.9	-0.26	3.76	5.00	1350.1	✓
APC	515	515	0.00	482580.7	487277.1	-0.96	1.72	5.00	1349.9	✓
APC-A700	522	522	0.00	1906887.0	1912410.0	-0.29	1.71	5.00	1337.2	✓
APC-A750	518	518	0.00	669565.2	674046.5	-0.66	1.82	5.00	1347.1	✓
PB450	56	51	9.80	744782.3	742276.9	0.34	1.21	5.00	1892.8	✓
KO525	36	34	5.88	145627.3	146362.2	-0.50	1.61	5.00	1903.2	✓
Violet610	209	196	6.63	94030.8	93808.6	0.24	1.83	5.00	1901.3	✓
Violet660	231	217	6.45	42926.4	42751.1	0.41	2.56	5.00	1908.4	✓
Violet780	215	201	6.97	62946.1	62887.6	0.09	2.21	5.00	1901.4	✓

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.