

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 13:22
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	-38.08	-38.08	0.00	54	40-60	✓
Violet laser	39.04	38.88	0.16	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	62	61	1.64	256548.8	266685.5	-3.80	-	-	1156.0	✓
SSC	125	125	0.00	720965.7	733731.3	-1.74	-	-	1310.5	✓
FITC	146	146	0.00	3605614.0	3680135.0	-2.02	4.35	5.00	1329.0	✓
PE	92	92	0.00	1249589.0	1287685.0	-2.96	4.27	5.00	1330.8	✓
ECD	131	131	0.00	678747.9	698060.5	-2.77	4.03	5.00	1340.8	✓
PC5.5	262	262	0.00	1576462.0	1608234.0	-1.98	4.60	5.00	1330.6	✓
PC7	375	375	0.00	264803.6	271742.9	-2.55	4.78	5.00	1331.5	✓
APC	515	515	0.00	477368.0	487277.1	-2.03	1.72	5.00	1334.5	✓
APC-A700	522	522	0.00	1881528.0	1912410.0	-1.61	1.69	5.00	1319.6	✓
APC-A750	518	518	0.00	659220.1	674046.5	-2.20	1.87	5.00	1330.6	✓
PB450	56	56	0.00	726372.7	742276.9	-2.14	1.23	5.00	1860.3	✓
KO525	36	36	0.00	142115.4	146362.2	-2.90	1.59	5.00	1875.0	✓
Violet610	209	209	0.00	91711.8	93808.6	-2.24	1.90	5.00	1870.6	✓
Violet660	231	231	0.00	41917.3	42751.1	-1.95	2.55	5.00	1878.3	✓
Violet780	215	215	0.00	61344.2	62887.6	-2.45	2.04	5.00	1871.3	✓

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.