

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-18 12:41
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	-36.64	-36.64	0.00	54	40-60	✓
Violet laser	41.28	41.12	0.16	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	57	57	0.00	259952.9	266685.5	-2.52	-	-	1183.9	✓
SSC	113	113	0.00	739395.1	733731.3	0.77	-	-	1290.0	✓
FITC	146	146	0.00	3719475.0	3680135.0	1.07	2.27	5.00	1340.5	✓
PE	92	92	0.00	1288025.0	1287685.0	0.03	2.17	5.00	1341.9	✓
ECD	130	130	0.00	697385.6	698060.5	-0.10	2.34	5.00	1350.1	✓
PC5.5	258	258	0.00	1610640.0	1608234.0	0.15	2.24	5.00	1345.4	✓
PC7	371	371	0.00	272487.3	271742.9	0.27	2.60	5.00	1346.4	✓
APC	515	515	0.00	477423.1	487277.1	-2.02	1.95	5.00	1344.2	✓
APC-A700	522	522	0.00	1879797.0	1912410.0	-1.71	1.88	5.00	1330.2	✓
APC-A750	522	522	0.00	668743.5	674046.5	-0.79	1.99	5.00	1341.2	✓
PB450	52	52	0.00	737527.6	742276.9	-0.64	1.27	5.00	1916.9	✓
KO525	34	34	0.00	147261.4	146362.2	0.61	1.69	5.00	1923.7	✓
Violet610	199	199	0.00	93701.9	93808.6	-0.11	1.90	5.00	1922.3	✓
Violet660	219	219	0.00	42710.3	42751.1	-0.10	2.49	5.00	1924.1	✓
Violet780	204	204	0.00	63276.7	62887.6	0.62	2.06	5.00	1919.2	✓

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.