

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 12:55
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	-38.24	-38.08	-0.16	54	40-60	✓
Violet laser	39.04	39.36	-0.32	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	62	65	-4.62	254984.2	266685.5	-4.39	-	-	1146.0	✓
SSC	125	125	0.00	731071.3	733731.3	-0.36	-	-	1312.6	✓
FITC	146	146	0.00	3611203.0	3680135.0	-1.87	4.23	5.00	1324.4	✓
PE	92	92	0.00	1246145.0	1287685.0	-3.23	4.25	5.00	1326.9	✓
ECD	131	131	0.00	675723.3	698060.5	-3.20	3.87	5.00	1336.6	✓
PC5.5	262	262	0.00	1563572.0	1608234.0	-2.78	4.78	5.00	1327.9	✓
PC7	375	375	0.00	262775.5	271742.9	-3.30	5.08	5.00	1327.5	✗
APC	515	515	0.00	476096.7	487277.1	-2.29	1.67	5.00	1339.8	✓
APC-A700	522	522	0.00	1878752.0	1912410.0	-1.76	1.88	5.00	1324.0	✓
APC-A750	518	518	0.00	659667.7	674046.5	-2.13	2.00	5.00	1335.4	✓
PB450	56	56	0.00	744931.8	742276.9	0.36	1.31	5.00	1878.7	✓
KO525	36	36	0.00	145962.2	146362.2	-0.27	1.74	5.00	1890.5	✓
Violet610	209	209	0.00	94045.6	93808.6	0.25	1.99	5.00	1885.0	✓
Violet660	231	231	0.00	42971.4	42751.1	0.52	2.85	5.00	1894.0	✓
Violet780	215	215	0.00	63013.3	62887.6	0.20	2.19	5.00	1887.6	✓

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 Failed.

Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.