

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 12:29
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	-38.72	-38.56	-0.16	54	40-60	✓
Violet laser	39.36	39.52	-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	60	60	0.00	262344.8	266685.5	-1.63	-	-	1176.5	✓
SSC	125	125	0.00	716102.7	733731.3	-2.40	-	-	1332.1	✓
FITC	146	146	0.00	3663603.0	3680135.0	-0.45	4.13	5.00	1339.5	✓
PE	92	92	0.00	1267611.0	1287685.0	-1.56	4.25	5.00	1342.0	✓
ECD	131	131	0.00	687971.4	698060.5	-1.45	3.91	5.00	1353.9	✓
PC5.5	262	262	0.00	1598760.0	1608234.0	-0.59	4.59	5.00	1342.2	✓
PC7	375	375	0.00	268382.7	271742.9	-1.24	5.04	5.00	1342.3	✗
APC	515	515	0.00	483648.2	487277.1	-0.74	1.69	5.00	1349.3	✓
APC-A700	522	522	0.00	1908229.0	1912410.0	-0.22	1.82	5.00	1335.5	✓
APC-A750	518	518	0.00	670316.7	674046.5	-0.55	1.91	5.00	1346.3	✓
PB450	56	56	0.00	747905.4	742276.9	0.76	1.28	5.00	1901.3	✓
KO525	36	36	0.00	146213.4	146362.2	-0.10	1.58	5.00	1914.2	✓
Violet610	209	209	0.00	94210.8	93808.6	0.43	1.89	5.00	1909.0	✓
Violet660	231	231	0.00	42985.6	42751.1	0.55	2.64	5.00	1912.4	✓
Violet780	215	215	0.00	63129.3	62887.6	0.38	2.11	5.00	1909.0	✓

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.