

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-27 13:54
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	-38.40	-38.08	-0.32	54	40-60	✓
Violet laser	39.52	38.72	0.80	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	63	60	5.00	261883.2	266685.5	-1.80	-	-	1167.0	✓
SSC	124	124	0.00	728528.1	733731.3	-0.71	-	-	1300.4	✓
FITC	150	140	7.14	3685963.0	3680135.0	0.16	4.72	5.00	1329.7	✓
PE	92	92	0.00	1240513.0	1287685.0	-3.66	4.77	5.00	1330.4	✓
ECD	131	131	0.00	674665.9	698060.5	-3.35	4.61	5.00	1339.8	✓
PC5.5	262	262	0.00	1560792.0	1608234.0	-2.95	5.34	5.00	1329.6	✗
PC7	375	375	0.00	261415.0	271742.9	-3.80	5.58	5.00	1334.3	✗
APC	515	515	0.00	488712.5	487277.1	0.29	1.83	5.00	1345.1	✓
APC-A700	522	522	0.00	1917457.0	1912410.0	0.26	1.93	5.00	1329.7	✓
APC-A750	518	518	0.00	671148.8	674046.5	-0.43	2.00	5.00	1340.7	✓
PB450	59	53	11.32	745444.6	742276.9	0.43	1.32	5.00	1863.5	✓
KO525	38	34	11.76	147415.0	146362.2	0.72	1.54	5.00	1878.8	✓
Violet610	220	198	11.11	93813.1	93808.6	0.00	1.80	5.00	1871.9	✓
Violet660	243	218	11.47	42853.6	42751.1	0.24	2.72	5.00	1889.9	✓
Violet780	228	205	11.22	62996.7	62887.6	0.17	2.08	5.00	1875.0	✓

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.