

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 13:08
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	-38.24	-38.08	-0.16	54	40-60	✓
Violet laser	39.20	39.04	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	63	56	12.50	269711.3	266685.5	1.13	-	-	1153.5	✓
SSC	125	125	0.00	728710.1	733731.3	-0.68	-	-	1306.5	✓
FITC	146	146	0.00	3609284.0	3680135.0	-1.93	3.46	5.00	1323.5	✓
PE	92	92	0.00	1247456.0	1287685.0	-3.12	3.40	5.00	1327.3	✓
ECD	131	131	0.00	676341.9	698060.5	-3.11	3.31	5.00	1335.5	✓
PC5.5	262	262	0.00	1566209.0	1608234.0	-2.61	3.98	5.00	1326.4	✓
PC7	391	375	4.27	274852.9	271742.9	1.14	4.24	5.00	1328.1	✓
APC	515	515	0.00	479278.1	487277.1	-1.64	1.70	5.00	1339.4	✓
APC-A700	522	522	0.00	1892446.0	1912410.0	-1.04	1.69	5.00	1325.8	✓
APC-A750	518	518	0.00	663449.9	674046.5	-1.57	1.80	5.00	1334.1	✓
PB450	56	56	0.00	735395.1	742276.9	-0.93	1.13	5.00	1862.2	✓
KO525	36	36	0.00	144102.5	146362.2	-1.54	1.55	5.00	1875.8	✓
Violet610	209	209	0.00	92871.3	93808.6	-1.00	1.87	5.00	1871.7	✓
Violet660	231	231	0.00	42415.1	42751.1	-0.79	2.55	5.00	1877.6	✓
Violet780	215	215	0.00	62186.3	62887.6	-1.12	1.90	5.00	1867.8	✓

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.