

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:21
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	-38.24	0.00	54	40-60	✓
Violet laser	39.20	39.20	0.00	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	266214.5	266685.5	-0.18	-	-	1157.7	✓
SSC	118	118	0.00	717823.4	733731.3	-2.17	-	-	1313.8	✓
FITC	146	146	0.00	3682020.0	3680135.0	0.05	3.34	5.00	1327.5	✓
PE	92	92	0.00	1270784.0	1287685.0	-1.31	3.48	5.00	1329.4	✓
ECD	131	131	0.00	689097.4	698060.5	-1.28	3.15	5.00	1340.8	✓
PC5.5	262	262	0.00	1597877.0	1608234.0	-0.64	3.90	5.00	1330.3	✓
PC7	375	375	0.00	268511.4	271742.9	-1.19	4.37	5.00	1329.5	✓
APC	515	515	0.00	482675.5	487277.1	-0.94	1.70	5.00	1338.8	✓
APC-A700	522	522	0.00	1904476.0	1912410.0	-0.41	1.75	5.00	1323.9	✓
APC-A750	518	518	0.00	669835.8	674046.5	-0.62	1.95	5.00	1334.4	✓
PB450	55	55	0.00	723065.7	742276.9	-2.59	1.29	5.00	1870.9	✓
KO525	36	36	0.00	144831.5	146362.2	-1.05	1.76	5.00	1882.1	✓
Violet610	209	209	0.00	93410.3	93808.6	-0.42	2.01	5.00	1879.5	✓
Violet660	228	228	0.00	41993.2	42751.1	-1.77	2.78	5.00	1886.2	✓
Violet780	215	215	0.00	62579.2	62887.6	-0.49	2.09	5.00	1877.2	✓

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.