

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 13:31
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	-38.08	-38.24	0.16	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	63	63	0.00	264961.1	266685.5	-0.65	-	-	1161.0	✓
SSC	125	125	0.00	722226.9	733731.3	-1.57	-	-	1289.4	✓
FITC	146	146	0.00	3579708.0	3680135.0	-2.73	3.77	5.00	1321.4	✓
PE	92	92	0.00	1239860.0	1287685.0	-3.71	3.71	5.00	1324.9	✓
ECD	131	131	0.00	672631.6	698060.5	-3.64	3.57	5.00	1335.3	✓
PC5.5	262	262	0.00	1559096.0	1608234.0	-3.06	4.24	5.00	1325.6	✓
PC7	391	391	0.00	273486.9	271742.9	0.64	4.34	5.00	1326.6	✓
APC	515	515	0.00	482285.4	487277.1	-1.02	1.75	5.00	1337.2	✓
APC-A700	522	522	0.00	1900966.0	1912410.0	-0.60	1.85	5.00	1321.5	✓
APC-A750	518	518	0.00	665793.8	674046.5	-1.22	1.98	5.00	1331.8	✓
PB450	59	56	5.36	749242.9	742276.9	0.94	1.34	5.00	1848.4	✓
KO525	38	36	5.56	147957.7	146362.2	1.09	1.76	5.00	1865.5	✓
Violet610	219	209	4.78	93402.0	93808.6	-0.43	2.03	5.00	1858.0	✓
Violet660	242	231	4.76	42752.4	42751.1	0.00	2.76	5.00	1866.4	✓
Violet780	226	215	5.12	62835.0	62887.6	-0.08	2.21	5.00	1862.1	✓

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.