

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 12:33
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	-38.40	0.16	54	40-60	✓
Violet laser	39.20	39.36	-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	64	60	6.67	268924.4	266685.5	0.84	-	-	1145.5	✓
SSC	125	125	0.00	728160.8	733731.3	-0.76	-	-	1313.3	✓
FITC	146	146	0.00	3633465.0	3680135.0	-1.27	3.32	5.00	1326.7	✓
PE	92	92	0.00	1253478.0	1287685.0	-2.66	3.43	5.00	1328.9	✓
ECD	131	131	0.00	679661.4	698060.5	-2.64	3.14	5.00	1339.5	✓
PC5.5	262	262	0.00	1575758.0	1608234.0	-2.02	3.91	5.00	1330.3	✓
PC7	375	375	0.00	264646.7	271742.9	-2.61	4.29	5.00	1331.2	✓
APC	515	515	0.00	480638.6	487277.1	-1.36	1.74	5.00	1339.3	✓
APC-A700	522	522	0.00	1896572.0	1912410.0	-0.83	1.89	5.00	1323.8	✓
APC-A750	518	518	0.00	665858.9	674046.5	-1.21	1.87	5.00	1334.8	✓
PB450	56	56	0.00	743726.0	742276.9	0.20	1.32	5.00	1880.7	✓
KO525	36	36	0.00	145409.7	146362.2	-0.65	1.79	5.00	1892.2	✓
Violet610	209	209	0.00	93680.5	93808.6	-0.14	2.01	5.00	1887.0	✓
Violet660	231	231	0.00	42779.8	42751.1	0.07	2.70	5.00	1893.8	✓
Violet780	215	215	0.00	62776.9	62887.6	-0.18	2.08	5.00	1887.7	✓

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.