

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-01 14:36
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	-37.92	-38.08	0.16	54	40-60	✓
Violet laser	38.88	39.04	-0.16	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	67	63	6.35	274561.8	266685.5	2.95	-	-	1145.4	✓
SSC	125	125	0.00	705454.1	733731.3	-3.85	-	-	1268.3	✓
FITC	155	146	6.16	3713477.0	3680135.0	0.91	5.04	5.00	1308.2	✗
PE	99	92	7.61	1302420.0	1287685.0	1.14	5.11	5.00	1309.3	✗
ECD	140	131	6.87	707565.0	698060.5	1.36	4.64	5.00	1319.1	✓
PC5.5	279	262	6.49	1621197.0	1608234.0	0.81	5.68	5.00	1311.0	✗
PC7	391	391	0.00	266644.0	271742.9	-1.88	5.68	5.00	1313.1	✗
APC	515	515	0.00	485184.3	487277.1	-0.43	1.88	5.00	1329.7	✓
APC-A700	522	522	0.00	1908879.0	1912410.0	-0.18	1.80	5.00	1317.7	✓
APC-A750	518	518	0.00	666559.4	674046.5	-1.11	1.86	5.00	1327.8	✓
PB450	63	59	6.78	738619.5	742276.9	-0.49	1.51	5.00	1820.6	✓
KO525	41	38	7.89	149025.5	146362.2	1.82	1.69	5.00	1839.0	✓
Violet610	237	219	8.22	93916.4	93808.6	0.11	2.01	5.00	1835.9	✓
Violet660	260	242	7.44	42687.9	42751.1	-0.15	2.92	5.00	1850.5	✓
Violet780	244	226	7.96	63188.8	62887.6	0.48	2.21	5.00	1833.8	✓

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 Failed.

Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.