

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-20 10:20
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	-36.64	-36.32	-0.32	54	40-60	✓
Violet laser	41.44	40.64	0.80	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	59	59	0.00	269363.4	266685.5	1.00	-	-	1180.7	✓
SSC	113	113	0.00	743753.4	733731.3	1.37	-	-	1287.3	✓
FITC	146	146	0.00	3645151.0	3680135.0	-0.95	3.15	5.00	1333.9	✓
PE	96	96	0.00	1309804.0	1287685.0	1.72	3.15	5.00	1334.1	✓
ECD	136	136	0.00	712725.8	698060.5	2.10	3.38	5.00	1343.8	✓
PC5.5	272	272	0.00	1646818.0	1608234.0	2.40	3.11	5.00	1338.2	✓
PC7	391	391	0.00	278779.0	271742.9	2.59	3.57	5.00	1338.3	✓
APC	515	515	0.00	486980.3	487277.1	-0.06	1.95	5.00	1344.1	✓
APC-A700	522	522	0.00	1918056.0	1912410.0	0.30	2.04	5.00	1330.5	✓
APC-A750	522	522	0.00	680190.1	674046.5	0.91	2.25	5.00	1339.0	✓
PB450	52	52	0.00	723492.4	742276.9	-2.53	1.44	5.00	1902.8	✓
KO525	34	34	0.00	144690.4	146362.2	-1.14	1.81	5.00	1911.4	✓
Violet610	199	199	0.00	92149.5	93808.6	-1.77	1.94	5.00	1903.9	✓
Violet660	219	219	0.00	41910.7	42751.1	-1.97	2.59	5.00	1903.4	✓
Violet780	204	204	0.00	62177.6	62887.6	-1.13	2.27	5.00	1901.0	✓

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.