

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-23 16:57
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	-39.04	-40.32	1.28	57	40-60	✓
Violet laser	38.56	38.08	0.48	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	60	86	-30.23	267149.7	266685.5	0.17	-	-	1206.9	✗
SSC	126	170	-25.88	753426.9	733731.3	2.68	-	-	1362.9	✗
FITC	146	167	-12.57	3722200.0	3680135.0	1.14	6.77	5.00	1363.3	✗
PE	92	105	-12.38	1293963.0	1287685.0	0.49	6.86	5.00	1365.4	✗
ECD	131	149	-12.08	703838.0	698060.5	0.83	7.01	5.00	1376.6	✗
PC5.5	262	294	-10.88	1627785.0	1608234.0	1.22	7.02	5.00	1365.1	✗
PC7	375	446	-15.92	275854.9	271742.9	1.51	7.18	5.00	1366.4	✗
APC	515	609	-15.44	483945.6	487277.1	-0.68	1.90	5.00	1347.3	✓
APC-A700	522	560	-6.79	1900602.0	1912410.0	-0.62	2.10	5.00	1334.2	✓
APC-A750	518	578	-10.38	668047.2	674046.5	-0.89	2.09	5.00	1343.6	✓
PB450	53	67	-20.90	749363.4	742276.9	0.95	1.53	5.00	1919.7	✗
KO525	34	45	-24.44	146750.1	146362.2	0.27	1.98	5.00	1927.8	✗
Violet610	198	253	-21.74	94641.5	93808.6	0.89	2.35	5.00	1924.3	✗
Violet660	218	294	-25.85	42869.5	42751.1	0.28	3.02	5.00	1928.1	✗
Violet780	205	302	-32.12	63030.0	62887.6	0.23	2.55	5.00	1920.9	✗

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.

The difference between FSC gain and target is more than 20%.

The difference between SSC gain and target is more than 20%.

The difference between PB450 gain and target is more than 20%.

The difference between KO525 gain and target is more than 20%.

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The difference between Violet610 gain and target is more than 20%.

The difference between Violet660 gain and target is more than 20%.

The difference between Violet780 gain and target is more than 20%.