

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-21 12:01
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	43	40-60	✓
Red laser	-36.48	-36.96	0.48	54	40-60	✓
Violet laser	41.12	41.44	-0.32	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	72	59	22.03	256861.7	266685.5	-3.68	-	-	1134.0	✗
SSC	129	113	14.16	747783.1	733731.3	1.92	-	-	1246.5	✓
FITC	208	146	42.47	3828785.0	3680135.0	4.04	14.53	5.00	1273.1	✗
PE	128	96	33.33	1316948.0	1287685.0	2.27	13.98	5.00	1275.5	✗
ECD	181	136	33.09	708645.6	698060.5	1.52	14.14	5.00	1290.0	✗
PC5.5	363	272	33.46	1661340.0	1608234.0	3.30	13.37	5.00	1280.2	✗
PC7	536	391	37.08	280937.4	271742.9	3.38	15.09	5.00	1281.6	✗
APC	608	515	18.06	504734.4	487277.1	3.58	8.19	5.00	1287.4	✗
APC-A700	604	522	15.71	1973022.0	1912410.0	3.17	6.54	5.00	1274.2	✗
APC-A750	609	522	16.67	693835.5	674046.5	2.94	7.51	5.00	1284.2	✗
PB450	66	52	26.92	746106.0	742276.9	0.52	8.92	5.00	1822.0	✗
KO525	42	34	23.53	148212.0	146362.2	1.26	8.35	5.00	1842.9	✗
Violet610	254	199	27.64	97292.5	93808.6	3.71	8.29	5.00	1844.0	✗
Violet660	274	219	25.11	44100.3	42751.1	3.16	8.13	5.00	1846.7	✗
Violet780	257	204	25.98	64825.4	62887.6	3.08	8.48	5.00	1843.5	✗

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 FITC gain and target is more than 20%.

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

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

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The difference between PC5.5 gain and target is more than 20%.
The difference between PC7 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%.
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%.