

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-21 11:53
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	-36.80	-36.64	-0.16	54	40-60	✓
Violet laser	41.28	41.44	-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	3000	59	4984.75	3379.3	266685.5	-98.73	-	-	4.3	✗
SSC	3000	113	2554.87	-567.1	733731.3	-100.08	-	-	-179.7	✗
FITC	3000	146	1954.80	-506.0	3680135.0	-100.01	0.00	5.00	-1329.3	✗
PE	3000	96	3025.00	-2794.8	1287685.0	-100.22	0.00	5.00	-3963.8	✗
ECD	3000	136	2105.88	-225.9	698060.5	-100.03	0.00	5.00	-200.1	✗
PC5.5	3000	272	1002.94	-221.7	1608234.0	-100.01	0.00	5.00	-133.3	✗
PC7	3000	391	667.26	-456.4	271742.9	-100.17	0.00	5.00	-874.9	✗
APC	3000	515	482.52	-698.5	487277.1	-100.14	0.00	5.00	-3874.7	✗
APC-A700	3000	522	474.71	1506.5	1912410.0	-99.92	0.00	5.00	344.7	✗
APC-A750	3000	522	474.71	-196.0	674046.5	-100.03	0.00	5.00	-110.7	✗
PB450	3000	52	5669.23	1134.9	742276.9	-99.85	0.00	5.00	480.4	✗
KO525	3000	34	8723.53	95.0	146362.2	-99.94	0.00	5.00	109.1	✗
Violet610	3000	199	1407.54	-499.7	93808.6	-100.53	0.00	5.00	-833.6	✗
Violet660	3000	219	1269.86	108.1	42751.1	-99.75	0.00	5.00	47.1	✗
Violet780	3000	204	1370.59	-465.5	62887.6	-100.74	0.00	5.00	-2015.5	✗

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.

FSC gain calibration was failed, median value is out of the target value range.

SSC gain calibration was failed, median value is out of the target value range.

FITC gain calibration was failed, median value is out of the target value range.

PE gain calibration was failed, median value is out of the target value range.

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ECD gain calibration was failed, median value is out of the target value range.
PC5.5 gain calibration was failed, median value is out of the target value range.
PC7 gain calibration was failed, median value is out of the target value range.
APC gain calibration was failed, median value is out of the target value range.
APC-A700 gain calibration was failed, median value is out of the target value range.
APC-A750 gain calibration was failed, median value is out of the target value range.
PB450 gain calibration was failed, median value is out of the target value range.
KO525 gain calibration was failed, median value is out of the target value range.
Violet610 gain calibration was failed, median value is out of the target value range.
Violet660 gain calibration was failed, median value is out of the target value range.
Violet780 gain calibration was failed, median value is out of the target value range.