

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-06 12:37
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	-38.72	-39.04	0.32	54	40-60	✓
Violet laser	39.84	39.84	0.00	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	3000	63	4661.91	10240.1	266685.5	-96.16	-	-	5.6	✗
SSC	3000	128	2243.75	-1817.0	733731.3	-100.25	-	-	-2448.2	✗
FITC	3000	147	1940.82	526.2	3680135.0	-99.99	33.95	5.00	490.4	✗
PE	3000	93	3125.81	-660.8	1287685.0	-100.05	99.98	5.00	-260.0	✗
ECD	3000	132	2172.73	-9.1	698060.5	-100.00	270.45	5.00	-18.9	✗
PC5.5	3000	263	1040.68	343.8	1608234.0	-99.98	232.31	5.00	214.6	✗
PC7	3000	372	706.45	-173.9	271742.9	-100.06	567.38	5.00	-554.6	✗
APC	3000	515	482.52	346.5	487277.1	-99.93	364.55	5.00	249.0	✗
APC-A700	3000	522	474.71	-782.9	1912410.0	-100.04	15.11	5.00	-1981.4	✗
APC-A750	3000	518	479.15	-1342.6	674046.5	-100.20	75.81	5.00	-1432.3	✗
PB450	3000	59	4984.75	3110.9	742276.9	-99.58	33.33	5.00	1173.9	✗
KO525	3000	38	7794.74	43.8	146362.2	-99.97	264.02	5.00	61.9	✗
Violet610	3000	223	1245.29	-108.0	93808.6	-100.12	4.80	5.00	-179.2	✗
Violet660	3000	243	1134.57	65.5	42751.1	-99.85	1746.30	5.00	58.2	✗
Violet780	3000	229	1210.04	-142.3	62887.6	-100.23	53.87	5.00	-174.2	✗

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.