

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 12:46
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	-38.08	-38.08	0.00	54	40-60	✓
Violet laser	39.36	39.04	0.32	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	62	65	-4.62	266010.6	266685.5	-0.25	-	-	4228.4	✓
SSC	125	125	0.00	281.2	733731.3	-99.96	-	-	743.9	✗
FITC	146	146	0.00	302.8	3680135.0	-99.99	387.64	5.00	684.5	✗
PE	92	92	0.00	260.7	1287685.0	-99.98	295.95	5.00	598.2	✗
ECD	131	131	0.00	255.7	698060.5	-99.96	327.83	5.00	590.4	✗
PC5.5	262	262	0.00	283.8	1608234.0	-99.98	323.16	5.00	774.1	✗
PC7	375	375	0.00	211.7	271742.9	-99.92	311.72	5.00	621.9	✗
APC	515	515	0.00	298.5	487277.1	-99.94	278.44	5.00	755.8	✗
APC-A700	522	522	0.00	314.7	1912410.0	-99.98	344.62	5.00	681.0	✗
APC-A750	518	518	0.00	273.3	674046.5	-99.96	338.35	5.00	611.3	✗
PB450	56	56	0.00	200.6	742276.9	-99.97	337.69	5.00	433.2	✗
KO525	36	36	0.00	207.9	146362.2	-99.86	314.06	5.00	485.1	✗
Violet610	209	209	0.00	337.9	93808.6	-99.64	293.89	5.00	637.5	✗
Violet660	231	231	0.00	206.7	42751.1	-99.52	302.69	5.00	532.6	✗
Violet780	215	215	0.00	210.3	62887.6	-99.67	299.55	5.00	562.0	✗

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 Failed.

Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.

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.

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

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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.