

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 12:04
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	-38.08	-38.40	0.32	54	40-60	✓
Violet laser	39.20	39.52	-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	3000	63	4661.91	17972.8	266685.5	-93.26	-	-	89.5	✗
SSC	3000	117	2464.10	-402.6	733731.3	-100.05	-	-	-267.9	✗
FITC	3000	153	1860.78	-105.7	3680135.0	-100.00	629.23	5.00	-164.7	✗
PE	3000	97	2992.78	191.3	1287685.0	-99.99	1190.65	5.00	79.1	✗
ECD	3000	138	2073.91	-40.2	698060.5	-100.01	1321.06	5.00	-50.3	✗
PC5.5	3000	275	990.91	-288.8	1608234.0	-100.02	309.61	5.00	-282.0	✗
PC7	3000	391	667.26	-105.2	271742.9	-100.04	660.12	5.00	-150.6	✗
APC	3000	515	482.52	-262.3	487277.1	-100.05	360.50	5.00	-235.7	✗
APC-A700	3000	522	474.71	-183.6	1912410.0	-100.01	626.07	5.00	-170.5	✗
APC-A750	3000	518	479.15	137.5	674046.5	-99.98	1406.37	5.00	60.4	✗
PB450	3000	62	4738.71	-205.3	742276.9	-100.03	1079.71	5.00	-82.8	✗
KO525	3000	40	7400.00	-29.3	146362.2	-100.02	2238.07	5.00	-41.0	✗
Violet610	3000	233	1187.55	3.4	93808.6	-100.00	11141.3	5.00	6.1	✗
Violet660	3000	255	1076.47	-125.5	42751.1	-100.29	570.59	5.00	-109.2	✗
Violet780	3000	239	1155.23	-135.0	62887.6	-100.21	575.47	5.00	-225.6	✗

## 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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Detector Configuration:	Default-Configuration	
Loader Type:	Plate Loader	

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.