

# QC Report

Bead Lot No.:	44586	QC Date:	2016-06-23 16:59
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	-39.20	-39.04	-0.16	57	40-60	✓
Violet laser	38.72	38.56	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	60	60	0.00	265785.2	266685.5	-0.34	-	-	1227.6	✓
SSC	126	126	0.00	745806.0	733731.3	1.65	-	-	1368.5	✓
FITC	146	146	0.00	3710981.0	3680135.0	0.84	6.17	5.00	1364.6	✗
PE	92	92	0.00	1289142.0	1287685.0	0.11	6.17	5.00	1368.2	✗
ECD	131	131	0.00	699981.9	698060.5	0.28	6.31	5.00	1377.8	✗
PC5.5	262	262	0.00	1618321.0	1608234.0	0.63	6.28	5.00	1367.6	✗
PC7	375	375	0.00	273940.3	271742.9	0.81	6.42	5.00	1364.8	✗
APC	515	515	0.00	489160.1	487277.1	0.39	1.93	5.00	1354.0	✓
APC-A700	522	522	0.00	1918872.0	1912410.0	0.34	2.06	5.00	1338.0	✓
APC-A750	518	518	0.00	674812.1	674046.5	0.11	1.94	5.00	1349.3	✓
PB450	53	53	0.00	755841.5	742276.9	1.83	1.56	5.00	1933.1	✓
KO525	34	34	0.00	147909.0	146362.2	1.06	2.14	5.00	1941.6	✓
Violet610	198	198	0.00	95358.7	93808.6	1.65	2.29	5.00	1936.2	✓
Violet660	218	218	0.00	43049.7	42751.1	0.70	3.03	5.00	1938.7	✓
Violet780	205	205	0.00	63444.2	62887.6	0.88	2.61	5.00	1937.3	✓

## 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.