

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-15 10:05
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	-36.96	-36.32	-0.64	54	40-60	✓
Violet laser	41.44	40.80	0.64	70	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	276381.7	266685.5	3.64	-	-	1181.8	✓
SSC	113	113	0.00	738888.5	733731.3	0.70	-	-	1290.9	✓
FITC	146	146	0.00	3700924.0	3680135.0	0.56	2.62	5.00	1335.9	✓
PE	92	92	0.00	1279988.0	1287685.0	-0.60	2.62	5.00	1337.0	✓
ECD	130	130	0.00	692838.3	698060.5	-0.75	2.83	5.00	1346.0	✓
PC5.5	258	258	0.00	1594446.0	1608234.0	-0.86	2.60	5.00	1341.1	✓
PC7	371	371	0.00	269766.1	271742.9	-0.73	2.93	5.00	1341.4	✓
APC	515	515	0.00	490251.6	487277.1	0.61	2.01	5.00	1347.0	✓
APC-A700	522	522	0.00	1928367.0	1912410.0	0.83	2.02	5.00	1333.9	✓
APC-A750	522	522	0.00	684985.7	674046.5	1.62	2.17	5.00	1342.9	✓
PB450	52	52	0.00	738854.5	742276.9	-0.46	1.33	5.00	1922.1	✓
KO525	34	34	0.00	147612.0	146362.2	0.85	1.74	5.00	1929.9	✓
Violet610	199	199	0.00	93999.9	93808.6	0.20	1.99	5.00	1924.9	✓
Violet660	219	219	0.00	42772.6	42751.1	0.05	2.70	5.00	1923.1	✓
Violet780	204	204	0.00	63378.3	62887.6	0.78	2.14	5.00	1922.5	✓

## 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 Passed.**

## Comment

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