

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 11:06
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	-37.92	-38.24	0.32	54	40-60	✓
Violet laser	39.04	39.36	-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	63	63	0.00	256183.3	266685.5	-3.94	-	-	1147.4	✓
SSC	128	117	9.40	723441.1	733731.3	-1.40	-	-	1275.0	✓
FITC	153	153	0.00	3604004.0	3680135.0	-2.07	5.70	5.00	1313.7	✗
PE	97	97	0.00	1261049.0	1287685.0	-2.07	5.64	5.00	1313.6	✗
ECD	138	138	0.00	687988.8	698060.5	-1.44	5.40	5.00	1323.9	✗
PC5.5	275	275	0.00	1574843.0	1608234.0	-2.08	6.07	5.00	1315.6	✗
PC7	391	391	0.00	264174.3	271742.9	-2.79	6.00	5.00	1319.4	✗
APC	515	515	0.00	483788.0	487277.1	-0.72	2.01	5.00	1329.1	✓
APC-A700	522	522	0.00	1905053.0	1912410.0	-0.38	1.93	5.00	1317.8	✓
APC-A750	518	518	0.00	664373.6	674046.5	-1.44	2.20	5.00	1325.7	✓
PB450	62	62	0.00	720855.9	742276.9	-2.89	1.21	5.00	1814.6	✓
KO525	40	40	0.00	144637.7	146362.2	-1.18	1.24	5.00	1831.4	✓
Violet610	233	233	0.00	91960.9	93808.6	-1.97	1.68	5.00	1829.9	✓
Violet660	255	255	0.00	41664.4	42751.1	-2.54	2.39	5.00	1843.0	✓
Violet780	239	239	0.00	61387.9	62887.6	-2.38	1.74	5.00	1824.2	✓

## 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.