

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-19 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	44	40-60	✓
Red laser	-36.48	-36.48	0.00	54	40-60	✓
Violet laser	41.28	40.96	0.32	71	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	59	57	3.51	259962.0	266685.5	-2.52	-	-	1181.9	✓
SSC	113	113	0.00	735986.1	733731.3	0.31	-	-	1287.5	✓
FITC	146	146	0.00	3629483.0	3680135.0	-1.38	2.84	5.00	1327.5	✓
PE	92	92	0.00	1254455.0	1287685.0	-2.58	2.82	5.00	1329.4	✓
ECD	130	130	0.00	679778.0	698060.5	-2.62	3.00	5.00	1339.6	✓
PC5.5	258	258	0.00	1558825.0	1608234.0	-3.07	2.86	5.00	1330.4	✓
PC7	371	371	0.00	263726.4	271742.9	-2.95	3.27	5.00	1333.6	✓
APC	515	515	0.00	479938.9	487277.1	-1.51	1.89	5.00	1344.9	✓
APC-A700	522	522	0.00	1886128.0	1912410.0	-1.37	1.97	5.00	1331.2	✓
APC-A750	522	522	0.00	669135.9	674046.5	-0.73	2.00	5.00	1341.6	✓
PB450	52	52	0.00	728082.6	742276.9	-1.91	1.32	5.00	1910.0	✓
KO525	34	34	0.00	145413.1	146362.2	-0.65	1.72	5.00	1917.9	✓
Violet610	199	199	0.00	92586.1	93808.6	-1.30	2.03	5.00	1913.3	✓
Violet660	219	219	0.00	42212.2	42751.1	-1.26	2.83	5.00	1918.7	✓
Violet780	204	204	0.00	62518.7	62887.6	-0.59	2.14	5.00	1911.6	✓

## 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 Passed.**

## Comment

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