

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-20 10:17
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	-36.64	-36.80	0.16	54	40-60	✓
Violet laser	41.12	41.44	-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	59	0.00	267889.1	266685.5	0.45	-	-	1178.9	✓
SSC	113	113	0.00	738095.3	733731.3	0.59	-	-	1281.7	✓
FITC	146	146	0.00	3631672.0	3680135.0	-1.32	3.15	5.00	1323.9	✓
PE	92	92	0.00	1252855.0	1287685.0	-2.70	3.14	5.00	1324.1	✓
ECD	130	130	0.00	677988.8	698060.5	-2.88	3.38	5.00	1334.4	✓
PC5.5	258	258	0.00	1554786.0	1608234.0	-3.32	3.18	5.00	1327.9	✓
PC7	371	371	0.00	262864.7	271742.9	-3.27	3.77	5.00	1329.4	✓
APC	515	515	0.00	483422.1	487277.1	-0.79	1.99	5.00	1342.4	✓
APC-A700	522	522	0.00	1903454.0	1912410.0	-0.47	2.17	5.00	1328.0	✓
APC-A750	522	522	0.00	675995.6	674046.5	0.29	2.18	5.00	1337.8	✓
PB450	52	52	0.00	728272.6	742276.9	-1.89	1.44	5.00	1903.8	✓
KO525	34	34	0.00	145618.8	146362.2	-0.51	1.90	5.00	1911.7	✓
Violet610	199	199	0.00	92733.0	93808.6	-1.15	1.99	5.00	1905.2	✓
Violet660	219	219	0.00	42135.0	42751.1	-1.44	2.68	5.00	1905.7	✓
Violet780	204	204	0.00	62595.7	62887.6	-0.46	2.22	5.00	1904.4	✓

## 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.