

# QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 13:06
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	-38.08	-37.92	-0.16	54	40-60	✓
Violet laser	39.04	38.88	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	56	62	-9.68	260222.2	266685.5	-2.42	-	-	1204.0	✓
SSC	125	125	0.00	711224.7	733731.3	-3.07	-	-	1314.4	✓
FITC	146	146	0.00	3619058.0	3680135.0	-1.66	4.42	5.00	1329.1	✓
PE	92	92	0.00	1253739.0	1287685.0	-2.64	4.36	5.00	1333.1	✓
ECD	131	131	0.00	681106.5	698060.5	-2.43	3.94	5.00	1342.9	✓
PC5.5	262	262	0.00	1581931.0	1608234.0	-1.64	4.77	5.00	1335.1	✓
PC7	375	375	0.00	265730.8	271742.9	-2.21	4.89	5.00	1332.7	✓
APC	515	515	0.00	481796.4	487277.1	-1.12	1.75	5.00	1337.5	✓
APC-A700	522	522	0.00	1900891.0	1912410.0	-0.60	1.84	5.00	1324.4	✓
APC-A750	518	518	0.00	666550.2	674046.5	-1.11	1.95	5.00	1333.7	✓
PB450	56	56	0.00	737506.2	742276.9	-0.64	1.32	5.00	1872.5	✓
KO525	36	36	0.00	144345.0	146362.2	-1.38	1.77	5.00	1883.5	✓
Violet610	209	209	0.00	93104.8	93808.6	-0.75	1.98	5.00	1878.0	✓
Violet660	231	231	0.00	42465.5	42751.1	-0.67	2.88	5.00	1888.1	✓
Violet780	215	215	0.00	62295.3	62887.6	-0.94	2.13	5.00	1879.7	✓

## 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.