

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-01 12:20
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	-38.24	0.16	54	40-60	✓
Violet laser	39.04	39.20	-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	63	63	0.00	267370.6	266685.5	0.26	-	-	1158.2	✓
SSC	125	125	0.00	726793.8	733731.3	-0.95	-	-	1294.5	✓
FITC	146	146	0.00	3603230.0	3680135.0	-2.09	3.96	5.00	1325.2	✓
PE	92	92	0.00	1246825.0	1287685.0	-3.17	4.19	5.00	1326.5	✓
ECD	131	131	0.00	676308.9	698060.5	-3.12	3.98	5.00	1335.2	✓
PC5.5	262	262	0.00	1573200.0	1608234.0	-2.18	4.50	5.00	1329.0	✓
PC7	391	391	0.00	276200.8	271742.9	1.64	4.85	5.00	1331.9	✓
APC	515	515	0.00	483018.3	487277.1	-0.87	1.88	5.00	1334.0	✓
APC-A700	522	522	0.00	1905857.0	1912410.0	-0.34	1.92	5.00	1319.6	✓
APC-A750	518	518	0.00	667645.4	674046.5	-0.95	2.07	5.00	1329.3	✓
PB450	59	59	0.00	744012.4	742276.9	0.23	1.39	5.00	1848.9	✓
KO525	38	38	0.00	146911.7	146362.2	0.38	1.82	5.00	1865.1	✓
Violet610	219	219	0.00	92564.4	93808.6	-1.33	2.01	5.00	1861.9	✓
Violet660	242	242	0.00	42538.6	42751.1	-0.50	2.99	5.00	1873.3	✓
Violet780	226	226	0.00	62441.4	62887.6	-0.71	2.12	5.00	1860.0	✓

## 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.