

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-20 10:19
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	-36.32	-36.64	0.32	54	40-60	✓
Violet laser	40.64	41.12	-0.48	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	274631.6	266685.5	2.98	-	-	1193.6	✓
SSC	113	113	0.00	719325.5	733731.3	-1.96	-	-	1269.8	✓
FITC	146	146	0.00	3585863.0	3680135.0	-2.56	2.63	5.00	1316.5	✓
PE	96	92	4.35	1288963.0	1287685.0	0.10	2.58	5.00	1317.1	✓
ECD	136	130	4.62	700910.3	698060.5	0.41	2.84	5.00	1325.8	✓
PC5.5	272	258	5.43	1620176.0	1608234.0	0.74	2.58	5.00	1320.7	✓
PC7	391	371	5.39	274613.1	271742.9	1.06	2.88	5.00	1322.5	✓
APC	515	515	0.00	473766.5	487277.1	-2.77	1.62	5.00	1332.0	✓
APC-A700	522	522	0.00	1864807.0	1912410.0	-2.49	1.68	5.00	1318.9	✓
APC-A750	522	522	0.00	662420.1	674046.5	-1.72	1.86	5.00	1328.6	✓
PB450	52	52	0.00	718696.5	742276.9	-3.18	1.36	5.00	1886.6	✓
KO525	34	34	0.00	143645.4	146362.2	-1.86	1.75	5.00	1894.0	✓
Violet610	199	199	0.00	91515.0	93808.6	-2.44	1.91	5.00	1890.2	✓
Violet660	219	219	0.00	41639.0	42751.1	-2.60	2.65	5.00	1894.3	✓
Violet780	204	204	0.00	61722.3	62887.6	-1.85	2.12	5.00	1888.2	✓

## 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 Passed.**

## Comment

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