

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-22 13:48
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	-36.64	-36.48	-0.16	54	40-60	✓
Violet laser	41.44	41.12	0.32	70	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	268922.3	266685.5	0.84	-	-	1194.4	✓
SSC	113	113	0.00	710103.2	733731.3	-3.22	-	-	1315.3	✓
FITC	156	146	6.85	3712836.0	3680135.0	0.89	3.24	5.00	1334.3	✓
PE	96	96	0.00	1259321.0	1287685.0	-2.20	3.06	5.00	1336.5	✓
ECD	136	136	0.00	688511.7	698060.5	-1.37	3.24	5.00	1346.5	✓
PC5.5	272	272	0.00	1594864.0	1608234.0	-0.83	2.98	5.00	1340.7	✓
PC7	391	391	0.00	270662.7	271742.9	-0.40	3.58	5.00	1341.0	✓
APC	515	515	0.00	485244.8	487277.1	-0.42	1.75	5.00	1347.1	✓
APC-A700	522	522	0.00	1908884.0	1912410.0	-0.18	1.80	5.00	1333.8	✓
APC-A750	522	522	0.00	674379.1	674046.5	0.05	1.96	5.00	1343.5	✓
PB450	58	52	11.54	745894.6	742276.9	0.49	1.31	5.00	1859.2	✓
KO525	37	34	8.82	145299.1	146362.2	-0.73	1.67	5.00	1875.5	✓
Violet610	219	199	10.05	93477.4	93808.6	-0.35	1.95	5.00	1871.4	✓
Violet660	241	219	10.05	42576.7	42751.1	-0.41	2.63	5.00	1879.3	✓
Violet780	223	204	9.31	62495.6	62887.6	-0.62	2.06	5.00	1869.4	✓

## 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.