

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-20 10:16
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	-36.80	-36.48	-0.32	57	40-60	✓
Violet laser	41.44	40.80	0.64	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	275749.8	266685.5	3.40	-	-	1195.3	✓
SSC	113	113	0.00	733407.7	733731.3	-0.04	-	-	1285.3	✓
FITC	146	146	0.00	3642921.0	3680135.0	-1.01	3.01	5.00	1333.3	✓
PE	92	92	0.00	1256981.0	1287685.0	-2.38	3.00	5.00	1333.2	✓
ECD	130	130	0.00	680182.8	698060.5	-2.56	3.29	5.00	1344.5	✓
PC5.5	258	258	0.00	1561487.0	1608234.0	-2.91	3.03	5.00	1336.6	✓
PC7	371	371	0.00	263755.9	271742.9	-2.94	3.38	5.00	1337.6	✓
APC	515	515	0.00	482158.3	487277.1	-1.05	1.97	5.00	1348.4	✓
APC-A700	522	522	0.00	1897258.0	1912410.0	-0.79	2.00	5.00	1333.8	✓
APC-A750	522	522	0.00	674831.5	674046.5	0.12	2.12	5.00	1345.9	✓
PB450	52	52	0.00	734440.6	742276.9	-1.06	1.49	5.00	1917.0	✓
KO525	34	34	0.00	146810.7	146362.2	0.31	1.92	5.00	1925.8	✓
Violet610	199	199	0.00	93454.0	93808.6	-0.38	2.08	5.00	1918.5	✓
Violet660	219	219	0.00	42477.5	42751.1	-0.64	2.83	5.00	1920.3	✓
Violet780	204	204	0.00	63011.3	62887.6	0.20	2.27	5.00	1917.7	✓

## 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.