

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-15 10:03
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	-36.32	-36.32	0.00	54	40-60	✓
Violet laser	40.80	40.80	0.00	70	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	60	60	0.00	265934.9	266685.5	-0.28	-	-	1159.1	✓
SSC	113	113	0.00	733685.2	733731.3	-0.01	-	-	1270.7	✓
FITC	146	146	0.00	3637958.0	3680135.0	-1.15	2.72	5.00	1319.8	✓
PE	92	92	0.00	1252934.0	1287685.0	-2.70	2.76	5.00	1319.5	✓
ECD	130	130	0.00	678142.4	698060.5	-2.85	2.89	5.00	1330.7	✓
PC5.5	258	258	0.00	1553014.0	1608234.0	-3.43	2.86	5.00	1322.2	✓
PC7	371	371	0.00	262505.0	271742.9	-3.40	3.21	5.00	1325.7	✓
APC	515	515	0.00	474981.7	487277.1	-2.52	1.72	5.00	1334.8	✓
APC-A700	522	522	0.00	1867855.0	1912410.0	-2.33	1.91	5.00	1320.8	✓
APC-A750	522	522	0.00	663863.5	674046.5	-1.51	1.96	5.00	1331.2	✓
PB450	52	52	0.00	730156.9	742276.9	-1.63	1.41	5.00	1895.7	✓
KO525	34	34	0.00	145871.4	146362.2	-0.34	1.88	5.00	1904.3	✓
Violet610	199	199	0.00	92779.8	93808.6	-1.10	2.10	5.00	1899.8	✓
Violet660	219	219	0.00	42240.0	42751.1	-1.20	2.82	5.00	1899.1	✓
Violet780	204	204	0.00	62509.8	62887.6	-0.60	2.19	5.00	1898.1	✓

## 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.