

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 14:51
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	-39.04	-39.36	0.32	54	40-60	✓
Violet laser	39.84	40.16	-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	63	63	0.00	276800.5	266685.5	3.79	-	-	1189.5	✓
SSC	128	128	0.00	747010.0	733731.3	1.81	-	-	1314.2	✓
FITC	147	147	0.00	3728138.0	3680135.0	1.30	4.15	5.00	1353.3	✓
PE	93	93	0.00	1300574.0	1287685.0	1.00	4.23	5.00	1354.3	✓
ECD	132	132	0.00	703072.8	698060.5	0.72	3.93	5.00	1363.2	✓
PC5.5	263	263	0.00	1624497.0	1608234.0	1.01	4.60	5.00	1354.0	✓
PC7	372	372	0.00	269911.0	271742.9	-0.67	4.77	5.00	1359.5	✓
APC	515	515	0.00	500309.7	487277.1	2.67	1.70	5.00	1364.6	✓
APC-A700	522	522	0.00	1974197.0	1912410.0	3.23	1.77	5.00	1353.5	✓
APC-A750	518	518	0.00	689987.4	674046.5	2.36	1.71	5.00	1361.4	✓
PB450	59	59	0.00	749969.6	742276.9	1.04	1.56	5.00	1896.1	✓
KO525	38	38	0.00	147739.3	146362.2	0.94	1.95	5.00	1912.0	✓
Violet610	223	223	0.00	95072.5	93808.6	1.35	2.07	5.00	1907.6	✓
Violet660	243	255	-4.71	42773.7	42751.1	0.05	2.84	5.00	1922.0	✓
Violet780	229	229	0.00	63768.1	62887.6	1.40	2.38	5.00	1907.1	✓

## 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.