

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 11:11
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	-38.40	-38.08	-0.32	54	40-60	✓
Violet laser	39.52	39.04	0.48	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	270197.1	266685.5	1.32	-	-	1168.2	✓
SSC	123	117	5.13	729591.6	733731.3	-0.56	-	-	1285.6	✓
FITC	153	153	0.00	3736764.0	3680135.0	1.54	4.77	5.00	1322.8	✓
PE	97	97	0.00	1309388.0	1287685.0	1.69	4.69	5.00	1324.6	✓
ECD	138	138	0.00	713644.9	698060.5	2.23	4.42	5.00	1336.3	✓
PC5.5	275	275	0.00	1640366.0	1608234.0	2.00	5.24	5.00	1327.4	✗
PC7	391	391	0.00	274781.0	271742.9	1.12	5.42	5.00	1331.4	✗
APC	515	515	0.00	489675.8	487277.1	0.49	1.93	5.00	1335.9	✓
APC-A700	522	522	0.00	1928906.0	1912410.0	0.86	1.93	5.00	1323.2	✓
APC-A750	518	518	0.00	673227.0	674046.5	-0.12	2.15	5.00	1332.6	✓
PB450	62	62	0.00	742358.4	742276.9	0.01	1.14	5.00	1826.4	✓
KO525	40	40	0.00	148873.5	146362.2	1.72	1.30	5.00	1841.1	✓
Violet610	233	233	0.00	94485.8	93808.6	0.72	1.71	5.00	1840.3	✓
Violet660	255	255	0.00	42873.3	42751.1	0.29	2.50	5.00	1853.0	✓
Violet780	239	239	0.00	63192.0	62887.6	0.48	1.89	5.00	1836.5	✓

## 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 Failed.**

## Comment

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