

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 11:07
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	-38.24	-37.92	-0.32	54	40-60	✓
Violet laser	39.20	39.04	0.16	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	267901.3	266685.5	0.46	-	-	1161.6	✓
SSC	125	117	6.84	741900.5	733731.3	1.11	-	-	1280.7	✓
FITC	153	153	0.00	3704727.0	3680135.0	0.67	4.70	5.00	1320.3	✓
PE	97	97	0.00	1297133.0	1287685.0	0.73	4.75	5.00	1319.0	✓
ECD	138	138	0.00	706725.6	698060.5	1.24	4.43	5.00	1328.9	✓
PC5.5	275	275	0.00	1621047.0	1608234.0	0.80	5.19	5.00	1321.3	✗
PC7	391	391	0.00	271211.9	271742.9	-0.20	5.23	5.00	1324.0	✗
APC	515	515	0.00	488302.5	487277.1	0.21	1.80	5.00	1334.2	✓
APC-A700	522	522	0.00	1923057.0	1912410.0	0.56	1.80	5.00	1321.3	✓
APC-A750	518	518	0.00	671167.8	674046.5	-0.43	2.08	5.00	1330.8	✓
PB450	62	62	0.00	736555.7	742276.9	-0.77	1.10	5.00	1823.7	✓
KO525	40	40	0.00	147824.6	146362.2	1.00	1.22	5.00	1841.4	✓
Violet610	233	233	0.00	93761.1	93808.6	-0.05	1.62	5.00	1839.9	✓
Violet660	255	255	0.00	42551.3	42751.1	-0.47	2.39	5.00	1851.2	✓
Violet780	239	239	0.00	62705.1	62887.6	-0.29	1.71	5.00	1836.0	✓

## 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.