

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 13:27
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	-38.88	-38.88	0.00	54	40-60	✓
Violet laser	40.00	39.84	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	270045.7	266685.5	1.26	-	-	1181.8	✓
SSC	128	128	0.00	738177.8	733731.3	0.61	-	-	1306.5	✓
FITC	147	147	0.00	3689455.0	3680135.0	0.25	4.64	5.00	1346.0	✓
PE	93	93	0.00	1288015.0	1287685.0	0.03	4.65	5.00	1347.3	✓
ECD	132	132	0.00	696666.0	698060.5	-0.20	4.47	5.00	1357.2	✓
PC5.5	263	263	0.00	1605970.0	1608234.0	-0.14	5.18	5.00	1346.2	✗
PC7	391	391	0.00	281262.6	271742.9	3.50	5.22	5.00	1351.2	✗
APC	515	515	0.00	499044.9	487277.1	2.42	1.70	5.00	1363.6	✓
APC-A700	522	522	0.00	1967375.0	1912410.0	2.87	1.71	5.00	1349.7	✓
APC-A750	518	518	0.00	687472.1	674046.5	1.99	1.72	5.00	1359.5	✓
PB450	59	62	-4.84	747589.1	742276.9	0.72	1.82	5.00	1885.8	✓
KO525	38	38	0.00	147434.4	146362.2	0.73	2.15	5.00	1902.5	✓
Violet610	221	233	-5.15	93991.3	93808.6	0.19	2.34	5.00	1895.3	✓
Violet660	243	255	-4.71	42678.3	42751.1	-0.17	3.06	5.00	1907.1	✓
Violet780	226	239	-5.44	62669.1	62887.6	-0.35	2.46	5.00	1890.0	✓

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.