

QC Report

Bead Lot No.:	45180	QC Date:	2016-07-14 16:11
Bead Expires:	2017-11-30	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	45	40-60	✓
Red laser	-38.72	-39.04	0.32	57	40-60	✓
Violet laser	39.84	39.84	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	58	3.45	267141.1	267085.0	0.02	-	-	1184.1	✓
SSC	128	128	0.00	760849.1	731937.6	3.95	-	-	1332.5	✓
FITC	136	147	-7.48	3469027.0	3472441.0	-0.10	2.64	5.00	1346.9	✓
PE	86	93	-7.53	1206267.0	1210379.0	-0.34	2.70	5.00	1348.6	✓
ECD	121	132	-8.33	644011.4	648821.1	-0.74	2.55	5.00	1358.9	✓
PC5.5	241	263	-8.37	1490061.0	1496865.0	-0.45	3.10	5.00	1350.0	✓
PC7	347	372	-6.72	252002.8	253349.7	-0.53	3.18	5.00	1351.4	✓
APC	515	515	0.00	492661.1	476957.5	3.29	1.83	5.00	1356.2	✓
APC-A700	522	522	0.00	1943208.0	1882964.0	3.20	1.88	5.00	1343.3	✓
APC-A750	497	518	-4.05	654458.7	649742.7	0.73	1.86	5.00	1353.3	✓
PB450	57	52	9.62	767548.5	766914.6	0.08	1.44	5.00	1896.5	✓
KO525	36	34	5.88	146357.0	149248.1	-1.94	1.82	5.00	1907.7	✓
Violet610	209	191	9.42	94241.2	93528.0	0.76	2.09	5.00	1900.4	✓
Violet660	232	211	9.95	43024.9	42838.4	0.44	2.79	5.00	1906.4	✓
Violet780	213	195	9.23	62898.7	62851.0	0.08	2.13	5.00	1900.6	✓

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.