

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 13:25
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	-38.88	-38.08	-0.80	54	40-60	✓
Violet laser	39.84	39.20	0.64	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	270049.0	266685.5	1.26	-	-	1178.4	✓
SSC	128	117	9.40	722708.6	733731.3	-1.50	-	-	1310.1	✓
FITC	147	153	-3.92	3691628.0	3680135.0	0.31	4.02	5.00	1350.2	✓
PE	93	97	-4.12	1288778.0	1287685.0	0.08	4.11	5.00	1351.0	✓
ECD	132	138	-4.35	697225.0	698060.5	-0.12	3.83	5.00	1361.7	✓
PC5.5	263	275	-4.36	1612403.0	1608234.0	0.26	4.46	5.00	1352.9	✓
PC7	391	391	0.00	282449.5	271742.9	3.94	4.69	5.00	1353.7	✓
APC	515	515	0.00	498453.9	487277.1	2.29	1.61	5.00	1361.3	✓
APC-A700	522	522	0.00	1964300.0	1912410.0	2.71	1.70	5.00	1347.3	✓
APC-A750	518	518	0.00	686202.9	674046.5	1.80	1.67	5.00	1356.4	✓
PB450	62	62	0.00	769727.9	742276.9	3.70	1.74	5.00	1887.4	✓
KO525	38	40	-5.00	144577.8	146362.2	-1.22	2.08	5.00	1904.3	✓
Violet610	233	233	0.00	97249.5	93808.6	3.67	2.20	5.00	1900.0	✓
Violet660	255	255	0.00	43892.7	42751.1	2.67	3.28	5.00	1910.4	✓
Violet780	239	239	0.00	65015.8	62887.6	3.38	2.49	5.00	1895.4	✓

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.