

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:23
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	-38.24	0.00	57	40-60	✓
Violet laser	39.36	39.20	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	60	60	0.00	264505.7	266685.5	-0.82	-	-	1156.5	✓
SSC	118	118	0.00	711208.8	733731.3	-3.07	-	-	1311.1	✓
FITC	146	146	0.00	3676809.0	3680135.0	-0.09	2.95	5.00	1328.0	✓
PE	92	92	0.00	1268692.0	1287685.0	-1.47	3.05	5.00	1329.8	✓
ECD	131	131	0.00	687509.9	698060.5	-1.51	2.92	5.00	1340.2	✓
PC5.5	262	262	0.00	1595186.0	1608234.0	-0.81	3.54	5.00	1330.2	✓
PC7	375	375	0.00	268000.3	271742.9	-1.38	3.79	5.00	1331.6	✓
APC	515	515	0.00	477910.7	487277.1	-1.92	1.83	5.00	1338.6	✓
APC-A700	522	522	0.00	1888936.0	1912410.0	-1.23	1.87	5.00	1324.3	✓
APC-A750	518	518	0.00	663772.6	674046.5	-1.52	2.10	5.00	1334.7	✓
PB450	55	55	0.00	719453.7	742276.9	-3.07	1.24	5.00	1869.5	✓
KO525	36	36	0.00	144222.9	146362.2	-1.46	1.70	5.00	1884.9	✓
Violet610	209	209	0.00	93004.6	93808.6	-0.86	1.90	5.00	1879.6	✓
Violet660	228	228	0.00	41789.7	42751.1	-2.25	2.78	5.00	1889.8	✓
Violet780	215	215	0.00	62368.6	62887.6	-0.83	2.21	5.00	1879.4	✓

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.