

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:33
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	-38.72	-0.16	54	40-60	✓
Violet laser	39.84	39.68	0.16	71	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	267619.8	266685.5	0.35	-	-	1172.6	✓
SSC	118	118	0.00	727771.6	733731.3	-0.81	-	-	1313.9	✓
FITC	146	146	0.00	3723588.0	3680135.0	1.18	2.32	5.00	1343.6	✓
PE	92	92	0.00	1285787.0	1287685.0	-0.15	2.38	5.00	1346.2	✓
ECD	131	131	0.00	695935.2	698060.5	-0.30	2.23	5.00	1357.4	✓
PC5.5	262	262	0.00	1616989.0	1608234.0	0.54	2.78	5.00	1346.6	✓
PC7	375	375	0.00	271789.9	271742.9	0.02	3.09	5.00	1345.9	✓
APC	515	515	0.00	489693.1	487277.1	0.50	1.66	5.00	1351.3	✓
APC-A700	522	522	0.00	1933808.0	1912410.0	1.12	1.76	5.00	1338.2	✓
APC-A750	518	518	0.00	678124.5	674046.5	0.61	1.76	5.00	1348.2	✓
PB450	58	55	5.45	756992.0	742276.9	1.98	1.61	5.00	1884.8	✓
KO525	36	36	0.00	141366.7	146362.2	-3.41	2.09	5.00	1899.8	✓
Violet610	209	209	0.00	91121.6	93808.6	-2.86	2.31	5.00	1891.6	✓
Violet660	239	228	4.82	42788.1	42751.1	0.09	3.47	5.00	1900.6	✓
Violet780	215	215	0.00	61056.5	62887.6	-2.91	2.54	5.00	1893.3	✓

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.