

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-14 16:53
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	-36.48	-37.28	0.80	57	40-60	✓
Violet laser	40.80	41.60	-0.80	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	268367.2	266685.5	0.63	-	-	1174.1	✓
SSC	120	120	0.00	728972.8	733731.3	-0.65	-	-	1293.9	✓
FITC	146	146	0.00	3592509.0	3680135.0	-2.38	2.41	5.00	1325.5	✓
PE	92	92	0.00	1255197.0	1287685.0	-2.52	2.39	5.00	1326.5	✓
ECD	130	130	0.00	681360.9	698060.5	-2.39	2.27	5.00	1336.9	✓
PC5.5	258	258	0.00	1560997.0	1608234.0	-2.94	2.57	5.00	1331.5	✓
PC7	371	371	0.00	263830.1	271742.9	-2.91	2.79	5.00	1332.9	✓
APC	515	515	0.00	493565.3	487277.1	1.29	1.87	5.00	1340.1	✓
APC-A700	522	522	0.00	1939198.0	1912410.0	1.40	1.84	5.00	1326.8	✓
APC-A750	497	497	0.00	652009.9	674046.5	-3.27	1.83	5.00	1336.4	✓
PB450	57	57	0.00	755731.6	742276.9	1.81	1.43	5.00	1866.9	✓
KO525	36	36	0.00	144173.7	146362.2	-1.50	1.92	5.00	1878.5	✓
Violet610	209	209	0.00	93879.9	93808.6	0.08	2.25	5.00	1872.8	✓
Violet660	232	232	0.00	42819.7	42751.1	0.16	3.03	5.00	1875.3	✓
Violet780	213	213	0.00	62112.5	62887.6	-1.23	2.54	5.00	1874.3	✓

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.