

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 11:53
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	-38.72	-38.56	-0.16	54	40-60	✓
Violet laser	39.52	39.52	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	60	0.00	274623.2	266685.5	2.98	-	-	1166.0	✓
SSC	118	118	0.00	711121.1	733731.3	-3.08	-	-	1366.2	✓
FITC	146	146	0.00	3796211.0	3680135.0	3.15	2.64	5.00	1358.3	✓
PE	92	92	0.00	1309554.0	1287685.0	1.70	2.78	5.00	1361.3	✓
ECD	131	131	0.00	709342.4	698060.5	1.62	2.67	5.00	1370.3	✓
PC5.5	262	262	0.00	1647931.0	1608234.0	2.47	3.14	5.00	1361.0	✓
PC7	375	375	0.00	277805.9	271742.9	2.23	3.37	5.00	1360.1	✓
APC	515	515	0.00	480509.3	487277.1	-1.39	1.90	5.00	1355.1	✓
APC-A700	522	522	0.00	1900130.0	1912410.0	-0.64	1.98	5.00	1341.5	✓
APC-A750	518	518	0.00	671433.9	674046.5	-0.39	2.04	5.00	1351.2	✓
PB450	51	58	-12.07	729933.1	742276.9	-1.66	1.39	5.00	1932.9	✓
KO525	34	36	-5.56	149438.8	146362.2	2.10	1.80	5.00	1942.4	✓
Violet610	196	209	-6.22	93821.1	93808.6	0.01	2.02	5.00	1937.8	✓
Violet660	217	239	-9.21	42806.5	42751.1	0.13	2.84	5.00	1937.8	✓
Violet780	201	215	-6.51	63127.4	62887.6	0.38	2.08	5.00	1936.7	✓

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.