

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-15 10:00
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	-36.32	-36.80	0.48	54	40-60	✓
Violet laser	40.80	41.12	-0.32	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	261382.7	266685.5	-1.99	-	-	1186.4	✓
SSC	113	120	-5.83	731822.6	733731.3	-0.26	-	-	1280.2	✓
FITC	146	146	0.00	3682751.0	3680135.0	0.07	2.48	5.00	1327.6	✓
PE	92	92	0.00	1274682.0	1287685.0	-1.01	2.41	5.00	1328.1	✓
ECD	130	130	0.00	691026.1	698060.5	-1.01	2.50	5.00	1339.0	✓
PC5.5	258	258	0.00	1590771.0	1608234.0	-1.09	2.53	5.00	1332.8	✓
PC7	371	371	0.00	268740.9	271742.9	-1.10	2.90	5.00	1332.5	✓
APC	515	515	0.00	481108.7	487277.1	-1.27	2.06	5.00	1329.8	✓
APC-A700	522	522	0.00	1891933.0	1912410.0	-1.07	2.04	5.00	1314.8	✓
APC-A750	522	497	5.03	673391.1	674046.5	-0.10	2.09	5.00	1326.0	✓
PB450	52	57	-8.77	737280.9	742276.9	-0.67	1.39	5.00	1905.2	✓
KO525	34	38	-10.53	147227.3	146362.2	0.59	1.76	5.00	1913.0	✓
Violet610	199	209	-4.78	93684.6	93808.6	-0.13	2.03	5.00	1908.0	✓
Violet660	219	232	-5.60	42605.6	42751.1	-0.34	2.71	5.00	1909.8	✓
Violet780	204	222	-8.11	63104.4	62887.6	0.34	2.25	5.00	1903.3	✓

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.