

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:35
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	-38.56	-38.88	0.32	54	40-60	✓
Violet laser	39.52	39.84	-0.32	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	261969.2	266685.5	-1.77	-	-	1173.3	✓
SSC	118	118	0.00	705595.2	733731.3	-3.83	-	-	1306.3	✓
FITC	146	146	0.00	3655965.0	3680135.0	-0.66	3.71	5.00	1336.8	✓
PE	92	92	0.00	1264537.0	1287685.0	-1.80	3.85	5.00	1338.7	✓
ECD	131	131	0.00	686165.0	698060.5	-1.70	3.56	5.00	1347.8	✓
PC5.5	262	262	0.00	1593628.0	1608234.0	-0.91	4.21	5.00	1339.2	✓
PC7	375	375	0.00	268206.9	271742.9	-1.30	4.45	5.00	1342.1	✓
APC	515	515	0.00	486240.8	487277.1	-0.21	1.77	5.00	1349.2	✓
APC-A700	522	522	0.00	1918458.0	1912410.0	0.32	1.93	5.00	1334.8	✓
APC-A750	518	518	0.00	672824.9	674046.5	-0.18	2.05	5.00	1344.7	✓
PB450	58	58	0.00	753470.8	742276.9	1.51	1.21	5.00	1875.9	✓
KO525	36	36	0.00	141010.9	146362.2	-3.66	1.76	5.00	1893.0	✓
Violet610	209	209	0.00	90933.9	93808.6	-3.06	2.10	5.00	1886.5	✓
Violet660	239	239	0.00	42807.0	42751.1	0.13	2.81	5.00	1893.3	✓
Violet780	215	215	0.00	60924.6	62887.6	-3.12	2.21	5.00	1885.1	✓

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.