

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 13:24
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	-37.92	-38.08	0.16	54	40-60	✓
Violet laser	39.04	39.04	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	65	62	4.84	268295.9	266685.5	0.60	-	-	1146.4	✓
SSC	125	125	0.00	721846.6	733731.3	-1.62	-	-	1295.7	✓
FITC	146	146	0.00	3567728.0	3680135.0	-3.05	4.56	5.00	1319.1	✓
PE	92	92	0.00	1234465.0	1287685.0	-4.13	4.46	5.00	1322.6	✓
ECD	131	131	0.00	670310.6	698060.5	-3.98	4.15	5.00	1331.4	✓
PC5.5	262	262	0.00	1553597.0	1608234.0	-3.40	4.96	5.00	1323.0	✓
PC7	375	375	0.00	261216.3	271742.9	-3.87	4.94	5.00	1324.9	✓
APC	515	515	0.00	479972.2	487277.1	-1.50	1.74	5.00	1332.4	✓
APC-A700	522	522	0.00	1890801.0	1912410.0	-1.13	1.75	5.00	1319.0	✓
APC-A750	518	518	0.00	662346.8	674046.5	-1.74	1.87	5.00	1329.7	✓
PB450	56	56	0.00	724519.1	742276.9	-2.39	1.16	5.00	1855.8	✓
KO525	36	36	0.00	141766.7	146362.2	-3.14	1.50	5.00	1871.1	✓
Violet610	209	209	0.00	91435.1	93808.6	-2.53	1.76	5.00	1865.1	✓
Violet660	231	231	0.00	41819.9	42751.1	-2.18	2.47	5.00	1874.2	✓
Violet780	215	215	0.00	61220.6	62887.6	-2.65	1.86	5.00	1865.8	✓

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.