

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 13:20
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	-38.08	-38.08	0.00	54	40-60	✓
Violet laser	38.88	39.04	-0.16	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	61	64	-4.69	257115.5	266685.5	-3.59	-	-	1160.5	✓
SSC	125	125	0.00	713568.3	733731.3	-2.75	-	-	1306.9	✓
FITC	146	146	0.00	3617567.0	3680135.0	-1.70	4.19	5.00	1328.3	✓
PE	92	92	0.00	1251066.0	1287685.0	-2.84	4.25	5.00	1329.3	✓
ECD	131	131	0.00	679748.7	698060.5	-2.62	3.82	5.00	1340.3	✓
PC5.5	262	262	0.00	1577111.0	1608234.0	-1.94	4.66	5.00	1330.7	✓
PC7	375	375	0.00	265040.2	271742.9	-2.47	4.92	5.00	1331.3	✓
APC	515	515	0.00	481919.1	487277.1	-1.10	1.73	5.00	1334.3	✓
APC-A700	522	522	0.00	1897050.0	1912410.0	-0.80	1.85	5.00	1320.0	✓
APC-A750	518	518	0.00	665171.8	674046.5	-1.32	1.92	5.00	1330.2	✓
PB450	56	56	0.00	724397.8	742276.9	-2.41	1.36	5.00	1859.5	✓
KO525	36	36	0.00	141696.5	146362.2	-3.19	1.80	5.00	1874.6	✓
Violet610	209	209	0.00	91355.4	93808.6	-2.62	2.11	5.00	1868.8	✓
Violet660	231	231	0.00	41720.9	42751.1	-2.41	2.84	5.00	1878.8	✓
Violet780	215	215	0.00	61194.4	62887.6	-2.69	2.28	5.00	1869.8	✓

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.