

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 13:18
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	-38.24	0.16	54	40-60	✓
Violet laser	39.04	39.36	-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	64	64	0.00	266541.4	266685.5	-0.05	-	-	1162.7	✓
SSC	125	125	0.00	707261.6	733731.3	-3.61	-	-	1305.9	✓
FITC	146	146	0.00	3595687.0	3680135.0	-2.29	4.81	5.00	1332.2	✓
PE	92	92	0.00	1243782.0	1287685.0	-3.41	4.87	5.00	1334.5	✓
ECD	131	131	0.00	675334.5	698060.5	-3.26	4.62	5.00	1344.5	✓
PC5.5	262	262	0.00	1569442.0	1608234.0	-2.41	5.34	5.00	1335.5	✗
PC7	375	375	0.00	263336.4	271742.9	-3.09	5.49	5.00	1335.0	✗
APC	515	515	0.00	480666.7	487277.1	-1.36	1.70	5.00	1338.9	✓
APC-A700	522	522	0.00	1892560.0	1912410.0	-1.04	1.82	5.00	1325.5	✓
APC-A750	518	518	0.00	662967.5	674046.5	-1.64	1.93	5.00	1334.3	✓
PB450	56	56	0.00	723661.0	742276.9	-2.51	1.16	5.00	1871.8	✓
KO525	36	36	0.00	141455.7	146362.2	-3.35	1.55	5.00	1882.8	✓
Violet610	209	209	0.00	91315.8	93808.6	-2.66	1.84	5.00	1881.3	✓
Violet660	231	231	0.00	41633.1	42751.1	-2.62	2.62	5.00	1883.1	✓
Violet780	215	215	0.00	61120.6	62887.6	-2.81	2.08	5.00	1882.8	✓

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 Failed.

Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.