

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-27 13:56
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	-38.40	0.48	54	40-60	✓
Violet laser	38.88	39.52	-0.64	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	63	60	5.00	255725.8	266685.5	-4.11	-	-	1135.2	✓
SSC	124	124	0.00	714932.7	733731.3	-2.56	-	-	1295.6	✓
FITC	150	140	7.14	3683208.0	3680135.0	0.08	5.00	5.00	1320.3	✓
PE	92	92	0.00	1240485.0	1287685.0	-3.67	4.93	5.00	1322.8	✓
ECD	131	131	0.00	675078.5	698060.5	-3.29	4.48	5.00	1332.4	✓
PC5.5	262	262	0.00	1564509.0	1608234.0	-2.72	5.22	5.00	1323.1	✗
PC7	375	375	0.00	262392.7	271742.9	-3.44	5.65	5.00	1326.4	✗
APC	515	515	0.00	481220.6	487277.1	-1.24	2.00	5.00	1331.8	✓
APC-A700	522	522	0.00	1890347.0	1912410.0	-1.15	2.03	5.00	1318.2	✓
APC-A750	518	518	0.00	661763.9	674046.5	-1.82	2.19	5.00	1327.8	✓
PB450	58	53	9.43	741848.0	742276.9	-0.06	1.31	5.00	1850.8	✓
KO525	37	34	8.82	145073.1	146362.2	-0.88	1.64	5.00	1867.8	✓
Violet610	218	198	10.10	93897.0	93808.6	0.09	2.05	5.00	1863.3	✓
Violet660	241	218	10.55	42664.5	42751.1	-0.20	2.79	5.00	1873.4	✓
Violet780	226	205	10.24	62788.4	62887.6	-0.16	2.02	5.00	1866.6	✓

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.