

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 14:06
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	-38.40	-38.08	-0.32	54	40-60	✓
Violet laser	39.36	39.20	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	63	63	0.00	265799.8	266685.5	-0.33	-	-	1170.1	✓
SSC	130	125	4.00	731435.5	733731.3	-0.31	-	-	1303.2	✓
FITC	146	146	0.00	3587292.0	3680135.0	-2.52	5.14	5.00	1336.8	✗
PE	96	92	4.35	1293067.0	1287685.0	0.42	5.22	5.00	1338.5	✗
ECD	131	131	0.00	673827.1	698060.5	-3.47	5.06	5.00	1345.6	✗
PC5.5	262	262	0.00	1562641.0	1608234.0	-2.83	5.79	5.00	1336.6	✗
PC7	391	391	0.00	274333.9	271742.9	0.95	5.76	5.00	1339.9	✗
APC	515	515	0.00	487087.5	487277.1	-0.04	1.82	5.00	1350.3	✓
APC-A700	522	522	0.00	1918516.0	1912410.0	0.32	1.76	5.00	1336.3	✓
APC-A750	518	518	0.00	670895.7	674046.5	-0.47	1.86	5.00	1346.7	✓
PB450	59	59	0.00	754348.1	742276.9	1.63	1.26	5.00	1871.4	✓
KO525	38	38	0.00	148783.7	146362.2	1.65	1.55	5.00	1886.7	✓
Violet610	219	219	0.00	93989.3	93808.6	0.19	1.98	5.00	1881.5	✓
Violet660	242	242	0.00	43061.2	42751.1	0.73	2.73	5.00	1895.1	✓
Violet780	226	226	0.00	63266.4	62887.6	0.60	2.16	5.00	1880.4	✓

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.