

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-23 17:12
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	-39.36	-39.20	-0.16	57	40-60	✓
Violet laser	38.88	38.72	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	65	60	8.33	261528.5	266685.5	-1.93	-	-	1197.0	✓
SSC	126	126	0.00	750814.3	733731.3	2.33	-	-	1368.9	✓
FITC	146	146	0.00	3622303.0	3680135.0	-1.57	7.71	5.00	1360.3	✗
PE	92	92	0.00	1256746.0	1287685.0	-2.40	7.81	5.00	1364.2	✗
ECD	131	131	0.00	683009.8	698060.5	-2.16	7.85	5.00	1374.9	✗
PC5.5	262	262	0.00	1579995.0	1608234.0	-1.76	7.88	5.00	1365.5	✗
PC7	375	375	0.00	266130.8	271742.9	-2.07	8.11	5.00	1361.4	✗
APC	515	515	0.00	487730.5	487277.1	0.09	2.10	5.00	1350.2	✓
APC-A700	522	522	0.00	1915021.0	1912410.0	0.14	2.14	5.00	1336.5	✓
APC-A750	518	518	0.00	673136.6	674046.5	-0.13	2.38	5.00	1346.1	✓
PB450	53	53	0.00	747620.4	742276.9	0.72	1.42	5.00	1914.5	✓
KO525	34	34	0.00	146365.1	146362.2	0.00	1.87	5.00	1923.4	✓
Violet610	198	198	0.00	94343.9	93808.6	0.57	2.11	5.00	1917.1	✓
Violet660	218	218	0.00	42734.4	42751.1	-0.04	2.93	5.00	1915.7	✓
Violet780	205	205	0.00	62736.9	62887.6	-0.24	2.38	5.00	1917.1	✓

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.