

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 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	44	40-60	✓
Red laser	-38.24	-38.56	0.32	57	40-60	✓
Violet laser	39.20	39.68	-0.48	70	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	60	60	0.00	261109.2	266685.5	-2.09	-	-	1151.5	✓
SSC	118	118	0.00	706107.8	733731.3	-3.76	-	-	1312.9	✓
FITC	146	140	4.29	3682381.0	3680135.0	0.06	3.19	5.00	1331.9	✓
PE	92	92	0.00	1272270.0	1287685.0	-1.20	3.25	5.00	1335.0	✓
ECD	131	131	0.00	690162.0	698060.5	-1.13	2.90	5.00	1345.9	✓
PC5.5	262	262	0.00	1599922.0	1608234.0	-0.52	3.61	5.00	1335.6	✓
PC7	375	375	0.00	268887.4	271742.9	-1.05	4.02	5.00	1334.6	✓
APC	515	515	0.00	476743.6	487277.1	-2.16	1.82	5.00	1339.5	✓
APC-A700	522	522	0.00	1884317.0	1912410.0	-1.47	1.89	5.00	1325.0	✓
APC-A750	518	518	0.00	662843.4	674046.5	-1.66	1.90	5.00	1336.3	✓
PB450	55	53	3.77	726952.0	742276.9	-2.06	1.27	5.00	1875.2	✓
KO525	36	34	5.88	145708.7	146362.2	-0.45	1.59	5.00	1885.3	✓
Violet610	209	198	5.56	93939.1	93808.6	0.14	1.84	5.00	1884.1	✓
Violet660	228	228	0.00	42249.4	42751.1	-1.17	2.70	5.00	1887.6	✓
Violet780	215	205	4.88	62985.5	62887.6	0.16	2.13	5.00	1883.3	✓

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.