

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 12:14
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	-38.08	0.00	54	40-60	✓
Violet laser	39.20	39.20	0.00	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	269431.8	266685.5	1.03	-	-	1165.0	✓
SSC	112	117	-4.27	740688.3	733731.3	0.95	-	-	1279.0	✓
FITC	153	153	0.00	3559201.0	3680135.0	-3.29	7.18	5.00	1310.2	✗
PE	97	97	0.00	1245065.0	1287685.0	-3.31	7.05	5.00	1311.1	✗
ECD	138	138	0.00	675914.1	698060.5	-3.17	7.16	5.00	1320.4	✗
PC5.5	275	275	0.00	1556031.0	1608234.0	-3.25	7.14	5.00	1314.4	✗
PC7	423	391	8.18	277856.3	271742.9	2.25	7.96	5.00	1312.6	✗
APC	552	515	7.18	489155.2	487277.1	0.39	5.80	5.00	1296.4	✗
APC-A700	554	522	6.13	1923039.0	1912410.0	0.56	4.74	5.00	1288.3	✓
APC-A750	560	518	8.11	677529.6	674046.5	0.52	5.56	5.00	1296.2	✗
PB450	62	62	0.00	724428.1	742276.9	-2.40	7.02	5.00	1842.1	✗
KO525	40	40	0.00	145332.1	146362.2	-0.70	6.69	5.00	1857.9	✗
Violet610	233	233	0.00	91879.7	93808.6	-2.06	6.76	5.00	1860.0	✗
Violet660	255	255	0.00	41745.1	42751.1	-2.35	6.89	5.00	1862.1	✗
Violet780	239	239	0.00	61588.6	62887.6	-2.07	6.50	5.00	1862.6	✗

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.