

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-22 13:52
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	-36.64	-36.80	0.16	57	40-60	✓
Violet laser	41.12	41.28	-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	59	59	0.00	266826.0	266685.5	0.05	-	-	1175.7	✓
SSC	118	118	0.00	727518.3	733731.3	-0.85	-	-	1307.1	✓
FITC	156	156	0.00	3680190.0	3680135.0	0.00	2.95	5.00	1325.3	✓
PE	96	96	0.00	1248257.0	1287685.0	-3.06	2.88	5.00	1327.7	✓
ECD	136	136	0.00	684287.4	698060.5	-1.97	2.89	5.00	1335.6	✓
PC5.5	272	272	0.00	1577356.0	1608234.0	-1.92	2.93	5.00	1330.6	✓
PC7	391	391	0.00	268279.8	271742.9	-1.27	3.38	5.00	1329.5	✓
APC	515	515	0.00	482760.3	487277.1	-0.93	1.81	5.00	1343.5	✓
APC-A700	522	522	0.00	1898597.0	1912410.0	-0.72	1.82	5.00	1329.6	✓
APC-A750	522	522	0.00	670104.6	674046.5	-0.58	1.93	5.00	1338.8	✓
PB450	58	58	0.00	738055.1	742276.9	-0.57	1.44	5.00	1853.1	✓
KO525	37	37	0.00	144229.2	146362.2	-1.46	1.65	5.00	1869.0	✓
Violet610	219	219	0.00	92833.3	93808.6	-1.04	1.97	5.00	1868.5	✓
Violet660	241	241	0.00	42368.2	42751.1	-0.90	2.57	5.00	1874.3	✓
Violet780	223	223	0.00	62081.5	62887.6	-1.28	2.01	5.00	1864.5	✓

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.