

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-22 13:54
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	-36.32	-36.64	0.32	57	40-60	✓
Violet laser	40.96	41.12	-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	264501.2	266685.5	-0.82	-	-	1175.7	✓
SSC	118	118	0.00	718872.9	733731.3	-2.03	-	-	1304.5	✓
FITC	156	156	0.00	3644303.0	3680135.0	-0.97	3.25	5.00	1320.2	✓
PE	96	96	0.00	1236200.0	1287685.0	-4.00	3.14	5.00	1322.5	✓
ECD	136	136	0.00	677202.6	698060.5	-2.99	3.21	5.00	1330.8	✓
PC5.5	272	272	0.00	1563772.0	1608234.0	-2.76	3.19	5.00	1327.7	✓
PC7	391	391	0.00	265903.3	271742.9	-2.15	3.68	5.00	1325.1	✓
APC	515	515	0.00	480133.8	487277.1	-1.47	1.69	5.00	1338.9	✓
APC-A700	522	522	0.00	1888046.0	1912410.0	-1.27	1.71	5.00	1324.2	✓
APC-A750	522	522	0.00	666593.7	674046.5	-1.11	1.81	5.00	1334.0	✓
PB450	58	58	0.00	730073.8	742276.9	-1.64	1.39	5.00	1840.8	✓
KO525	37	37	0.00	142423.5	146362.2	-2.69	1.72	5.00	1857.0	✓
Violet610	219	219	0.00	91629.6	93808.6	-2.32	2.13	5.00	1853.2	✓
Violet660	241	241	0.00	41794.8	42751.1	-2.24	2.67	5.00	1860.5	✓
Violet780	223	223	0.00	61235.6	62887.6	-2.63	2.18	5.00	1850.7	✓

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.