

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-18 07:30
Bead Expires:	2016-05-31	Cytometer SN:	AR50052
Cytometer Name:	CytoFLEX		
Detector Configuration:	Default-Configuration		
Loader Type:	Semi Automatic		

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	-36.16	-36.16	0.00	54	40-60	✓
Violet laser	40.80	40.96	-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	60	60	0.00	281053.9	266685.5	5.39	-	-	1182.4	✗
SSC	113	113	0.00	727429.4	733731.3	-0.86	-	-	1298.6	✓
FITC	146	146	0.00	3754731.0	3680135.0	2.03	2.25	5.00	1336.8	✓
PE	92	92	0.00	1298274.0	1287685.0	0.82	2.29	5.00	1338.3	✓
ECD	130	130	0.00	702034.9	698060.5	0.57	2.39	5.00	1348.8	✓
PC5.5	258	258	0.00	1619653.0	1608234.0	0.71	2.33	5.00	1340.3	✓
PC7	371	371	0.00	274003.8	271742.9	0.83	2.71	5.00	1342.0	✓
APC	544	515	5.63	491251.8	487277.1	0.82	1.84	5.00	1332.8	✓
APC-A700	550	522	5.36	1924258.0	1912410.0	0.62	2.02	5.00	1320.1	✓
APC-A750	522	522	0.00	653104.1	674046.5	-3.11	2.01	5.00	1329.2	✓
PB450	52	52	0.00	760962.3	742276.9	2.52	1.37	5.00	1928.9	✓
KO525	34	34	0.00	151733.1	146362.2	3.67	1.66	5.00	1932.8	✓
Violet610	199	199	0.00	96387.9	93808.6	2.75	1.84	5.00	1930.4	✓
Violet660	219	219	0.00	43878.3	42751.1	2.64	2.60	5.00	1928.3	✓
Violet780	204	204	0.00	65124.9	62887.6	3.56	2.06	5.00	1921.6	✓

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.

FSC gain calibration was failed, median value is out of the target value range.