

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:16
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	-38.72	-37.92	-0.80	57	40-60	✓
Violet laser	39.52	38.88	0.64	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	284572.6	266685.5	6.71	-	-	1194.3	✗
SSC	118	124	-4.84	723415.3	733731.3	-1.41	-	-	1340.7	✓
FITC	140	140	0.00	3603097.0	3680135.0	-2.09	2.84	5.00	1350.4	✓
PE	92	92	0.00	1300995.0	1287685.0	1.03	2.86	5.00	1353.7	✓
ECD	131	131	0.00	705215.7	698060.5	1.03	2.62	5.00	1363.3	✓
PC5.5	262	262	0.00	1639475.0	1608234.0	1.94	3.11	5.00	1354.2	✓
PC7	375	375	0.00	276200.7	271742.9	1.64	3.33	5.00	1354.8	✓
APC	515	515	0.00	482863.3	487277.1	-0.91	1.63	5.00	1350.5	✓
APC-A700	522	522	0.00	1909541.0	1912410.0	-0.15	1.79	5.00	1338.0	✓
APC-A750	518	518	0.00	672120.4	674046.5	-0.29	1.88	5.00	1347.6	✓
PB450	53	53	0.00	727738.9	742276.9	-1.96	1.19	5.00	1902.5	✓
KO525	34	34	0.00	142830.3	146362.2	-2.41	1.69	5.00	1915.4	✓
Violet610	198	198	0.00	90955.3	93808.6	-3.04	1.85	5.00	1910.5	✓
Violet660	218	218	0.00	41274.1	42751.1	-3.45	2.74	5.00	1916.0	✓
Violet780	205	205	0.00	61347.2	62887.6	-2.45	2.10	5.00	1910.6	✓

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.