

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-30 14:08
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	-38.24	-38.40	0.16	54	40-60	✓
Violet laser	39.36	39.36	0.00	71	70-120	✓

Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	65	63	3.17	271390.9	266685.5	1.76	-	-	1133.0	✓
SSC	140	125	12.00	782017.7	733731.3	6.58	-	-	1313.9	✗
FITC	3000	146	1954.80	19818860.0	3680135.0	438.54	2.18	5.00	3592.2	✗
PE	3000	92	3160.87	19103330.0	1287685.0	1383.54	2.20	5.00	3446.3	✗
ECD	139	131	6.11	717259.0	698060.5	2.75	5.28	5.00	1337.1	✗
PC5.5	267	262	1.91	1594904.0	1608234.0	-0.83	5.99	5.00	1331.7	✗
PC7	374	391	-4.35	262950.8	271742.9	-3.24	6.21	5.00	1334.9	✗
APC	518	515	0.58	484623.0	487277.1	-0.54	1.98	5.00	1338.7	✓
APC-A700	524	522	0.38	1909358.0	1912410.0	-0.16	2.02	5.00	1325.9	✓
APC-A750	524	518	1.16	672805.8	674046.5	-0.18	2.17	5.00	1335.4	✓
PB450	3000	59	4984.75	23409180.0	742276.9	3053.70	1.57	5.00	4256.7	✗
KO525	1087	38	2760.53	4359349.0	146362.2	2878.47	1.72	5.00	1875.5	✗
Violet610	217	219	-0.91	94952.9	93808.6	1.22	2.02	5.00	1872.6	✓
Violet660	239	242	-1.24	43024.5	42751.1	0.64	2.76	5.00	1880.1	✓
Violet780	222	226	-1.77	63033.8	62887.6	0.23	2.04	5.00	1873.0	✓

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.

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

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

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

PB450 gain calibration was failed, median value is out of the target value range.

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KO525 gain calibration was failed, median value is out of the target value range.