

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-23 18:02
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	-38.08	-38.56	0.48	57	40-60	✓
Violet laser	38.72	39.52	-0.80	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	269627.9	266685.5	1.10	-	-	1168.2	✓
SSC	124	117	5.98	749892.6	733731.3	2.20	-	-	1347.3	✓
FITC	140	140	0.00	3608667.0	3680135.0	-1.94	2.27	5.00	1341.8	✓
PE	92	92	0.00	1311778.0	1287685.0	1.87	2.35	5.00	1344.5	✓
ECD	131	131	0.00	712582.8	698060.5	2.08	2.28	5.00	1352.8	✓
PC5.5	262	262	0.00	1652429.0	1608234.0	2.75	2.71	5.00	1343.9	✓
PC7	375	375	0.00	278649.1	271742.9	2.54	2.94	5.00	1343.4	✓
APC	515	515	0.00	478250.7	487277.1	-1.85	1.96	5.00	1330.2	✓
APC-A700	522	522	0.00	1878081.0	1912410.0	-1.80	2.02	5.00	1315.5	✓
APC-A750	518	518	0.00	660310.4	674046.5	-2.04	2.16	5.00	1325.9	✓
PB450	53	53	0.00	743657.3	742276.9	0.19	1.30	5.00	1880.0	✓
KO525	34	34	0.00	145588.7	146362.2	-0.53	1.82	5.00	1889.1	✓
Violet610	198	198	0.00	93957.0	93808.6	0.16	1.97	5.00	1885.4	✓
Violet660	218	218	0.00	42500.4	42751.1	-0.59	2.64	5.00	1887.6	✓
Violet780	205	205	0.00	62493.8	62887.6	-0.63	2.24	5.00	1881.9	✓

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.