

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 09:35
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	-38.08	-0.16	54	40-60	✓
Violet laser	39.36	39.20	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	63	63	0.00	270459.8	266685.5	1.42	-	-	1145.7	✓
SSC	117	125	-6.40	747963.6	733731.3	1.94	-	-	1268.8	✓
FITC	153	146	4.79	3660592.0	3680135.0	-0.53	3.89	5.00	1308.0	✓
PE	97	92	5.43	1279141.0	1287685.0	-0.66	3.80	5.00	1308.9	✓
ECD	138	131	5.34	696704.1	698060.5	-0.19	3.53	5.00	1319.6	✓
PC5.5	275	262	4.96	1592102.0	1608234.0	-1.00	3.96	5.00	1312.7	✓
PC7	391	391	0.00	266310.6	271742.9	-2.00	4.21	5.00	1313.4	✓
APC	515	515	0.00	478421.8	487277.1	-1.82	2.38	5.00	1321.5	✓
APC-A700	522	522	0.00	1891941.0	1912410.0	-1.07	2.22	5.00	1309.9	✓
APC-A750	518	518	0.00	661152.8	674046.5	-1.91	2.47	5.00	1318.9	✓
PB450	62	59	5.08	733893.5	742276.9	-1.13	1.40	5.00	1811.7	✓
KO525	40	38	5.26	147676.1	146362.2	0.90	1.52	5.00	1822.5	✓
Violet610	233	219	6.39	93763.1	93808.6	-0.05	1.80	5.00	1818.5	✓
Violet660	255	242	5.37	42569.2	42751.1	-0.43	2.30	5.00	1823.9	✓
Violet780	239	226	5.75	62718.0	62887.6	-0.27	1.92	5.00	1817.5	✓

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.