

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 09:34
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	-38.08	-38.40	0.32	54	40-60	✓
Violet laser	39.20	39.36	-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	269163.3	266685.5	0.93	-	-	1148.8	✓
SSC	117	125	-6.40	727990.4	733731.3	-0.78	-	-	1274.0	✓
FITC	154	146	5.48	3682098.0	3680135.0	0.05	4.93	5.00	1314.6	✓
PE	98	92	6.52	1300277.0	1287685.0	0.98	4.81	5.00	1316.8	✓
ECD	138	131	5.34	699633.0	698060.5	0.23	4.51	5.00	1326.8	✓
PC5.5	276	262	5.34	1611087.0	1608234.0	0.18	4.98	5.00	1318.2	✓
PC7	391	391	0.00	268191.1	271742.9	-1.31	5.32	5.00	1321.5	✗
APC	515	515	0.00	477682.9	487277.1	-1.97	2.44	5.00	1321.7	✓
APC-A700	522	522	0.00	1885034.0	1912410.0	-1.43	2.36	5.00	1310.8	✓
APC-A750	518	518	0.00	658510.0	674046.5	-2.30	2.72	5.00	1319.7	✓
PB450	62	59	5.08	737454.4	742276.9	-0.65	1.66	5.00	1813.9	✓
KO525	40	38	5.26	148474.9	146362.2	1.44	1.65	5.00	1825.9	✓
Violet610	233	219	6.39	94346.4	93808.6	0.57	1.98	5.00	1821.8	✓
Violet660	255	242	5.37	42780.8	42751.1	0.07	2.49	5.00	1830.2	✓
Violet780	239	226	5.75	62987.8	62887.6	0.16	2.05	5.00	1815.0	✓

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.