

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-05 14:49
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	-39.36	-38.88	-0.48	54	40-60	✓
Violet laser	40.16	40.00	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	279063.0	266685.5	4.64	-	-	1196.4	✓
SSC	128	128	0.00	752618.6	733731.3	2.57	-	-	1318.6	✓
FITC	147	147	0.00	3769472.0	3680135.0	2.43	3.10	5.00	1362.4	✓
PE	93	93	0.00	1317333.0	1287685.0	2.30	3.17	5.00	1363.6	✓
ECD	132	132	0.00	711914.4	698060.5	1.98	3.07	5.00	1374.8	✓
PC5.5	263	263	0.00	1647870.0	1608234.0	2.46	3.64	5.00	1364.6	✓
PC7	372	391	-4.86	274165.9	271742.9	0.89	3.82	5.00	1368.4	✓
APC	515	515	0.00	506676.9	487277.1	3.98	1.66	5.00	1373.7	✓
APC-A700	522	522	0.00	1996693.0	1912410.0	4.41	1.75	5.00	1361.0	✓
APC-A750	518	518	0.00	697340.4	674046.5	3.46	1.75	5.00	1371.2	✓
PB450	59	62	-4.84	742753.6	742276.9	0.06	1.71	5.00	1904.6	✓
KO525	38	38	0.00	146267.1	146362.2	-0.06	2.04	5.00	1921.0	✓
Violet610	223	233	-4.29	94100.5	93808.6	0.31	2.27	5.00	1914.7	✓
Violet660	255	255	0.00	44299.9	42751.1	3.62	3.41	5.00	1929.0	✓
Violet780	229	239	-4.18	63010.5	62887.6	0.20	2.62	5.00	1915.1	✓

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.