

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-22 13:50
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	-36.80	-36.64	-0.16	57	40-60	✓
Violet laser	41.28	41.44	-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	59	59	0.00	271814.4	266685.5	1.92	-	-	1186.5	✓
SSC	118	113	4.42	729868.3	733731.3	-0.53	-	-	1310.5	✓
FITC	156	156	0.00	3721046.0	3680135.0	1.11	2.68	5.00	1333.0	✓
PE	96	96	0.00	1264786.0	1287685.0	-1.78	2.56	5.00	1335.7	✓
ECD	136	136	0.00	692874.5	698060.5	-0.74	2.64	5.00	1345.4	✓
PC5.5	272	272	0.00	1602988.0	1608234.0	-0.33	2.69	5.00	1341.1	✓
PC7	391	391	0.00	272280.3	271742.9	0.20	2.97	5.00	1339.1	✓
APC	515	515	0.00	483858.7	487277.1	-0.70	1.77	5.00	1344.0	✓
APC-A700	522	522	0.00	1903590.0	1912410.0	-0.46	1.89	5.00	1332.0	✓
APC-A750	522	522	0.00	672348.5	674046.5	-0.25	1.90	5.00	1341.1	✓
PB450	58	58	0.00	738481.2	742276.9	-0.51	1.55	5.00	1851.3	✓
KO525	37	37	0.00	144136.8	146362.2	-1.52	1.88	5.00	1866.4	✓
Violet610	219	219	0.00	92768.1	93808.6	-1.11	2.19	5.00	1862.4	✓
Violet660	241	241	0.00	42276.4	42751.1	-1.11	3.01	5.00	1873.0	✓
Violet780	223	223	0.00	62012.4	62887.6	-1.39	2.60	5.00	1865.4	✓

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.