

QC Report

Bead Lot No.:	44586	QC Date:	2016-06-23 17:40
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	-38.72	-38.72	0.00	57	40-60	✓
Violet laser	39.68	39.52	0.16	71	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	274890.0	266685.5	3.08	-	-	1190.6	✓
SSC	117	117	0.00	738338.4	733731.3	0.63	-	-	1369.8	✓
FITC	140	140	0.00	3674673.0	3680135.0	-0.15	2.25	5.00	1361.3	✓
PE	92	92	0.00	1331207.0	1287685.0	3.38	2.33	5.00	1363.8	✓
ECD	131	131	0.00	722764.5	698060.5	3.54	2.18	5.00	1372.9	✓
PC5.5	262	262	0.00	1671081.0	1608234.0	3.91	2.47	5.00	1364.2	✓
PC7	375	375	0.00	281542.8	271742.9	3.61	2.85	5.00	1363.0	✓
APC	515	515	0.00	488160.8	487277.1	0.18	2.31	5.00	1348.8	✓
APC-A700	522	522	0.00	1915976.0	1912410.0	0.19	2.39	5.00	1334.5	✓
APC-A750	518	518	0.00	673340.9	674046.5	-0.10	2.60	5.00	1344.3	✓
PB450	53	53	0.00	763841.5	742276.9	2.91	1.48	5.00	1916.9	✓
KO525	34	34	0.00	149475.4	146362.2	2.13	2.01	5.00	1924.5	✓
Violet610	198	198	0.00	96514.7	93808.6	2.88	2.15	5.00	1920.2	✓
Violet660	218	218	0.00	43617.4	42751.1	2.03	2.88	5.00	1921.1	✓
Violet780	205	205	0.00	64149.3	62887.6	2.01	2.57	5.00	1917.2	✓

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.