

QC Report

Bead Lot No.:	44586	QC Date:	2016-07-18 07:32
Bead Expires:	2016-05-31	Cytometer SN:	AR50052
Cytometer Name:	CytoFLEX		
Detector Configuration:	Default-Configuration		
Loader Type:	Semi Automatic		

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	-36.32	-36.16	-0.16	54	40-60	✓
Violet laser	40.64	40.80	-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	60	60	0.00	277071.3	266685.5	3.89	-	-	1159.0	✓
SSC	113	113	0.00	740919.9	733731.3	0.98	-	-	1286.5	✓
FITC	146	146	0.00	3718177.0	3680135.0	1.03	2.54	5.00	1324.2	✓
PE	92	92	0.00	1280382.0	1287685.0	-0.57	2.58	5.00	1324.9	✓
ECD	130	130	0.00	691285.7	698060.5	-0.97	2.73	5.00	1335.8	✓
PC5.5	258	258	0.00	1587367.0	1608234.0	-1.30	2.68	5.00	1325.6	✓
PC7	371	371	0.00	267902.2	271742.9	-1.41	3.04	5.00	1323.9	✓
APC	537	515	4.27	480584.1	487277.1	-1.37	1.83	5.00	1335.3	✓
APC-A700	522	522	0.00	1814669.0	1912410.0	-5.11	1.82	5.00	1321.5	✗
APC-A750	522	522	0.00	649086.9	674046.5	-3.70	1.89	5.00	1331.2	✓
PB450	52	52	0.00	758239.1	742276.9	2.15	1.16	5.00	1925.2	✓
KO525	34	34	0.00	151168.2	146362.2	3.28	1.54	5.00	1930.0	✓
Violet610	199	199	0.00	95991.6	93808.6	2.33	1.82	5.00	1924.2	✓
Violet660	219	219	0.00	43666.3	42751.1	2.14	2.59	5.00	1923.9	✓
Violet780	204	204	0.00	64912.2	62887.6	3.22	2.06	5.00	1920.0	✓

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.

APC-A700 gain calibration was failed, median value is out of the target value range.