

QC Report

| | | | |
|-------------------------|-----------------------|---------------|------------------|
| Bead Lot No.: | 44586 | QC Date: | 2016-06-29 12:31 |
| 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 | -38.40 | -38.72 | 0.32 | 54 | 40-60 | ✓ |
| Violet laser | 39.36 | 39.36 | 0.00 | 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 | 277193.3 | 266685.5 | 3.94 | - | - | 1192.5 | ✓ |
| SSC | 125 | 125 | 0.00 | 729814.8 | 733731.3 | -0.53 | - | - | 1331.0 | ✓ |
| FITC | 146 | 146 | 0.00 | 3677523.0 | 3680135.0 | -0.07 | 3.33 | 5.00 | 1337.0 | ✓ |
| PE | 92 | 92 | 0.00 | 1270946.0 | 1287685.0 | -1.30 | 3.45 | 5.00 | 1338.9 | ✓ |
| ECD | 131 | 131 | 0.00 | 689578.6 | 698060.5 | -1.22 | 3.16 | 5.00 | 1349.3 | ✓ |
| PC5.5 | 262 | 262 | 0.00 | 1603309.0 | 1608234.0 | -0.31 | 3.76 | 5.00 | 1338.9 | ✓ |
| PC7 | 375 | 375 | 0.00 | 269448.3 | 271742.9 | -0.84 | 4.12 | 5.00 | 1340.5 | ✓ |
| APC | 515 | 515 | 0.00 | 480590.6 | 487277.1 | -1.37 | 1.70 | 5.00 | 1344.5 | ✓ |
| APC-A700 | 522 | 522 | 0.00 | 1897674.0 | 1912410.0 | -0.77 | 1.80 | 5.00 | 1331.4 | ✓ |
| APC-A750 | 518 | 518 | 0.00 | 665976.4 | 674046.5 | -1.20 | 1.89 | 5.00 | 1341.5 | ✓ |
| PB450 | 56 | 56 | 0.00 | 749537.2 | 742276.9 | 0.98 | 1.32 | 5.00 | 1889.6 | ✓ |
| KO525 | 36 | 36 | 0.00 | 146434.4 | 146362.2 | 0.05 | 1.69 | 5.00 | 1899.3 | ✓ |
| Violet610 | 209 | 209 | 0.00 | 94429.8 | 93808.6 | 0.66 | 1.95 | 5.00 | 1895.2 | ✓ |
| Violet660 | 231 | 231 | 0.00 | 43116.9 | 42751.1 | 0.86 | 2.71 | 5.00 | 1900.0 | ✓ |
| Violet780 | 215 | 215 | 0.00 | 63230.7 | 62887.6 | 0.55 | 2.05 | 5.00 | 1896.8 | ✓ |

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.