

Cytometer Performance Report

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| Cytometer: FACSriaII Cytometer Name: FACSriaII Serial Number: PO249 Input Device: Manual Cytometer Configuration: 100 microns Standard | User: Utilisateur Institution: N/A Software: BD FACSDiva 6.1.3 Date: 12/08/2014 09:14 AM Cytometer Baseline: 10/28/2014 01:52 PM P/F: Pass |
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Setup Beads

Bead Product: CST Setup Beads, **Part #:** 910723
Lot ID: 91725, **Expiration Date:** 04/30/2016
Bead Lot Information: Available

Detector Settings

| Laser | Detector | Parameter | Target Value | Actual Target Value | % Difference Target Value | Bright Bead %Robust CV | Mid Bead Median Channel | Mid Bead % Robust CV |
|-------|----------|--------------|--------------|---------------------|---------------------------|------------------------|-------------------------|----------------------|
| Blue | FSC | FSC | 125000 | 124794 | -1 | 4.07 | 124844 | 3.90 |
| Blue | F | SSC | 125000 | 122960 | -2 | 5.55 | 123676 | 5.30 |
| Blue | E | FITC | 40335 | 40591 | 0 | 3.57 | 2011 | 8.77 |
| Blue | D | PE | 43651 | 43549 | -1 | 3.59 | 1792 | 10.80 |
| Blue | C | PE-Texas Red | 43529 | 44083 | 1 | 4.33 | 1750 | 16.40 |
| Blue | B | PerCP-Cy5-5 | 113477 | 111580 | -2 | 4.59 | 3953 | 19.42 |
| Blue | A | PE-Cy7 | 122905 | 122365 | -1 | 5.52 | 2385 | 31.32 |
| Red | B | APC | 126160 | 125199 | -1 | 2.98 | 7233 | 8.01 |
| Red | A | APC-Cy7 | 160729 | 159783 | -1 | 3.31 | 4996 | 9.80 |

Detector Settings (Continued)

| Laser | Detector | Parameter | Dim Bead Median Channel | Dim Bead %Robust CV | PMTV | Δ PMTV | Qr | Br | P/F |
|-------|----------|--------------|-------------------------|---------------------|------|--------|--------|-----|------|
| Blue | FSC | FSC | 18187 | 9.31 | 372 | -41 | N/A | N/A | Pass |
| Blue | F | SSC | 63888 | 4.35 | 380 | 4 | N/A | N/A | Pass |
| Blue | E | FITC | 222 | 30.27 | 624 | -13 | 0.0284 | 0 | Pass |
| Blue | D | PE | 344 | 29.85 | 570 | -11 | 0.1028 | 72 | Pass |
| Blue | C | PE-Texas Red | 362 | 37.18 | 698 | -3 | 0.0068 | 0 | Pass |
| Blue | B | PerCP-Cy5-5 | 438 | 61.51 | 809 | -14 | 0.0045 | 66 | Pass |
| Blue | A | PE-Cy7 | 138 | 148.26 | 789 | -14 | 0.0080 | 22 | Pass |
| Red | B | APC | 493 | 29.48 | 681 | -8 | 0.0204 | 0 | Pass |
| Red | A | APC-Cy7 | 297 | 42.22 | 664 | -9 | 0.0024 | 173 | Pass |

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Serial Number: PO249
Input Device: Manual
Cytometer Configuration: 100 microns Standard

User: Utilisateur
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 12/08/2014 09:14 AM
Cytometer Baseline: 10/28/2014 01:52 PM
P/F: Pass

Specifications

PMTV Delta from baseline: 50 (BD)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Laser Settings

| Laser | Delay (Trigger on FSC) | Delay (Trigger on Fluorescence) | Area Scaling Factor |
|-------|---------------------------|------------------------------------|---------------------|
| Red | -50.04 | -49.54 | 0.96 |
| Blue | 0.00 | 0.00 | 1.17 |

Window Extension: 2.00
FSC Area Scaling Factor: 0.96

Threshold

Threshold (FSC): 12160

Fluidics

Sheath Pressure: 24.81 Sample Pressure: 23.79
Nozzle Size: 100

Comments