

BD FACSMelody



Laser:

Blue laser	488nm
Red laser	640nm
Violet laser	405nm

Fluorescence detection: Wavelength ranges detected from 488-nm laser:

- BP 783/56 nm 753 - 809 nm (PE-Cy7)
- BP 700/54 nm 673 - 727 nm (PerCP-Cy5.5)
- BP 586/42 nm 565 - 607 nm (PE)
- BP 527/32 nm 511 - 543 nm (FITC)

Wavelength ranges detected from 640-nm laser:

- BP 783/56 nm 755 - 811 nm (APC-Cy7)
- BP 660/10 nm 655 - 665 nm (APC)

Wavelength ranges detected from 405-nm laser:

- BP (none) (Brilliant Violet™ 786)
- BP 528/45 nm 505.5 – 550.5 nm (Brilliant Violet™ 510)
- BP 448/45 nm 426.5 - 470.5 nm (Brilliant Violet™ 421)

Sample flow rates: Adjustable dynamic range of sample flow rates from 1–100

Sample acquisition rate: The maximum throughput rate is 40,000 events per second, independent of the number of parameters.

Data File Structure: Flow Cytometry Standard (FCS) 3.0 and 3.1

Software: BD FACSCorus software v1.1