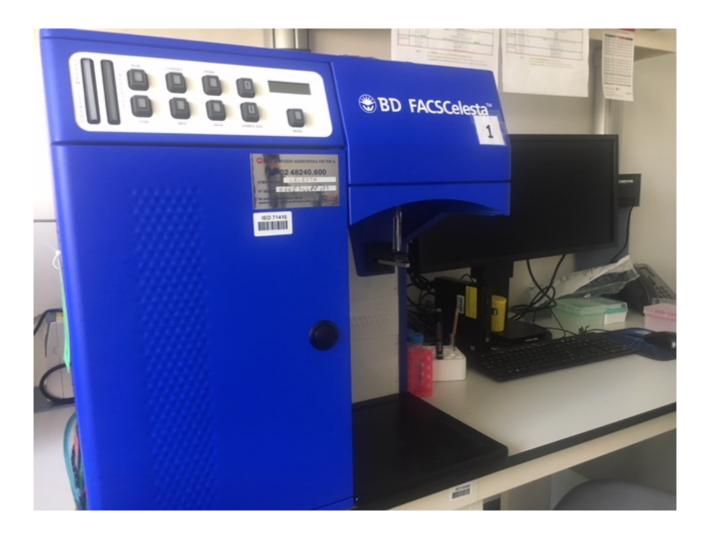
BD FACSCelesta1



General Information

The BD FACSCelesta is a high-speed, multi-color, digital analyzer. The FACSCelesta 1 is equipped with three lasers (405nm-488nm-635nm) that can detect up to 12 different colors (see the below chart).

Samples are acquired using the BDFACSDiva 8.0.1.1 software and pulse processing (height, width and area) can be measured on all the parameters.

Samples are saved as FCS3.0 and FCS3.1 files.

FACSCelesta Configuration **2IEO** 4-Blue 3-Red 5-Violet

Laser	Filter	Fluorochrome
Violet 405nm	E 450/40	BV421, BV450, Dapi, PacificBlue, eFluor450, Hoechst, CFP, BFP
	D 525/50	BV510 , BV480, V500, Krome Orange
	C 610/20	BV605
	B 670/30	BV650
	A 780/60	BV786
Blu 488nm	D 530/30	BB515, FITC, Alexa488, CFSE, GFP, YFP, Colver
	C 575/26	PE , PKH26
	B 695/40	PerCP-Cy5.5, PE-Cy5.5, PI
	A 780/60	PE-Cy7, SubG1 (PI Log)
Red 635nm	C 670/30	APC , Alexa647, Cy5
	B 730/45	APC-R700 , Alexa700
	A 780/60	APC-Cy7 , APC-H7

NOTE:

You **CAN** acquire**IN THE SAME TIME** PE-Cy7 and PercP-Cy5.5 Remeber to check the filter and change it in according to the fluorochrome used You **CAN NOT** acquire **RED** Fluorescent Protein (mCherry, TagRFP, tdTomato) and Cy3

Sample Format

Manual port

5 ml Polystyrene Round-Bottom Tubes (FALCON 352052)