

BD FACSCelesta2



General Information

The BD FACSCelesta is a high-speed, multi-color, digital analyzer.

The FACSCelesta 2 is equipped with three lasers (405nm-488nm-561nm) 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.

Lasers and Configuration

FACSCelesta 2 B-V-YG

Lasers	Filter	Fluorochrome
Violet 405nm	450/40	BV421 , BV450, Dapi, PacificBlue, eFluor450, Hoechst, CFP, BFP BV480, BV510, V500, Krome Orange
	525/50	BV510 , BV480, V500, Krome Orange
	610/20	BV605
	660/20	BV650
	710/50	BV711
	780/60	BV786
Blu 488nm	530/30	BB515 , FITC, Alexa488, CFSE, GFP, YFP, Colver
	665/40	PerCP-Cy5,5 7-AAD
Yellow 561nm	586/15	PE , Cy3, TagRFP, DsRedExpress, tdTomato
	610/20	PE-CF594 , PI, mCherry, PE-TxRed, PI
	670/30	PE-Cy5
	780/60	PE-Cy7

NOTE: You **CAN NOT** acquire APC, APCCy7, Alexa647, Alexa700,

Sample Format

Manual port	5 ml Polystyrene Round-Bottom Tubes (FALCON 352052)
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