

BD FACS Melody

Laser: 405, 488, 640 nm
 Detection: FSC, SSC, 9 fluorescence channels
 Operation mode: Service measurement and autonomous
 Nozzle size: 100 µm
 Target population: sorting of up to four populations in parallel
 Collection tube/dish: 1.5 and 2.0 mL tube, 5 mL round bottom tube
 6, 24, 48, 96 and 384well plate
 Sort mode: Purity, Yield, Single cell, Index sorting

Laser line (nm)	Filter (nm)	Channel name	Dyes (e.g.)
404	448 / 45	V1	BV421; Pacific Blue; AF405; VioBlue; eF405; V405; DAPI
	528 / 45	V2	BV510; V500; Pacific Orange; VioGreen; AmCyan
	755 LP	V3	BV785
488	488 / 15	FSC	relative size
	488 / 15	SSC	relative granularity
	527 / 32	B1	FITC; AF488; CFSE; GFP; YFP
	586 / 42	B2	PE; Cy3
	700 / 54	B3	PerCP; PerCP-Vio700; PerCP-Cy5.5; PE-Cy5.5; PI; 7-AAD
	782 / 56	B4	PE-Cy7; PE-Vio770
640	660 / 10	R1	APC; AF647; Cy5, DRAQ5
	783 / 56	R2	APC-Cy7; APC-Vio770; APC-H7; APC-AF750; APC-eF780; DRAQ7