

### BD LSR Fortessa

Laser: 405, 488, 561, 640 nm  
 Detection: FSC, SSC, 16 fluorescence channels  
 Applications: need of 561 nm excitation, >8 fluorescence detection

Laser line (nm)	Filter (nm)	Channel name	Dyes (e.g.)
404	450 / 50	C	BV421; Pacific Blue; AF405; Vioblue; eF405; V405; DAPI
	525 / 50	V2	BV510; V500; Pacific Orange; VioGreen; AmCyan
	605 / 12	V3	BV605; eF605; Qdot605
	670 / 30	V4	BV650; eF650; Qdot650
	710 / 50	V5	BV711; eF700; Qdot705
	780 / 60	V6	BV785; Qdot800
488	488 / 10	FSC	relative size
	488 / 10	SSC	relative granularity
	530 / 30	B1	FITC; AF488; CFSE; GFP; YFP
	695 / 40	B2	PerCP; PerCP-Vio700; PerCP-eFluor710
561	585 / 15	YG1	PE; Cy3; AF546; dTomato
	610 / 20	YG2	PE-TexasRed; PE-Vio615; PE-Dazzle; PE-AF610;mCherry; PI
	670 / 30	YG3	PE-Cy5, 7AAD
	710 / 50	YG4	PE-Cy5.5
	780 / 60	YG5	PE-Cy7; PE-Vio770
640	670 / 14	R1	APC; AF647; Cy5, DRAQ5
	730 / 45	R2	AF700; APC-AF700
	780 / 60	R3	APC-Cy7; APC-Vio770; APC-H7; AF750; APC-eF780; DRAQ7