






BD Fortessa - Optical Configuration

Special Violet Configuration

Laser	Fluorescent Channel /Filter	BD Channel Names	Commonly used Fluorochromes
 355 nm	450/50	B	Indo-1(violet), BUV395, DAPI, Hoechst33342
	530/30, 505LP	A	Indo-1 (blue), BUV496
 405 nm	450/50	F	Pacific Blue, V450, eFluor 450, BV421, Cerulean, AlexaFluor405
	525/50, 505LP	E	AmCyan, BV510, CFP, V500
	540/30, 535LP	D	QDot 565
	586/15, 575LP	C	QDot 585
	610/20, 600LP	B	BV605, QDot 605
	780/60, 750LP	A	BV786
 488nm	488/10	C	SSC
	530/30, 505LP	B	FITC, GFP, YFP, CFSE, BB515, AlexaFluor488
	710/50, 685LP	A	PerCP-Cy5.5
 561nm	586/15, 570LP	E	PE, DsRed, Cy3, RFP, tdTomato
	610/20, 600LP	D	PE-Texas Red, PI, mCherry, Rhodamine Red
	670/30, 635LP	C	PE-Cy5
	710/50, 685LP	B	PE-Cy5.5
	780/60, 750LP	A	PE-Cy7
 640 nm	670/14	C	APC, AlexaFluor647, AlexaFluor 633, Cy5, Sytox Red, ToPro3
	730/45, 690LP	B	AlexaFluor 680, AlexaFluor 700
	780/60, 750LP	A	APC-Cy7, APC-H7