

LSRFortessa X-20 Default Filter Configuration

Laser	Name	Dichroic Filter	Bandpass Filter	Parameters/Fluorochromes
Blue (488nm)	FSC	None	None	FSC
	SSC	None	None	SSC
	488 B	505 LP	530/30	FITC, BB515, Alexa Fluor 488, GFP, YFP, CFSE, Live/Dead Fixable Green, DyeCycle Green
	488 A	685 LP	695/40	PerCp, PerCp-Cy5.5, BB700, PE-Cy5.5, PE-AF700, PerCp-eFluor 710, PI, 7AAD
Violet (405nm)	405 F	420LP	450/50	BV421, Pacific Blue, Alexa Fluor 405, V450, eFluor 450 DyeCycle Violet, CYTOX Blue, CellTrace Calcein Violet AM, Live/Dead Fixable Violet, Fixable Viability Dye eFluor 450, Zombie Violet, DAPI
	405 E	495 LP	525/50	BV510, BV480, Am Cyan, Pacific Orange, V500, CFP, Fixable Viability Stain 510, Live/Dead Fixable Aqua, StarBright Violet 515
	405 D	600 LP	610/20	BV605, QD605, SuperBright600, StarBright 610, Zombie Yellow
	405C	635LP	660/20	BV650, QD655, eFluor 650NC, StarBright Violet 670
	405B	685LP	710/50	BV711, QD705, StarBright Violet 710, SuperBright 702
	405A	750LP	780/60	BV750, BV785, BV786, QD800, StarBright Violet 760, StarBright Violet 790, SuperBright 780
UV (355nm)	355 C	420LP	440/50	Alexa Fluor 350, CellTrace Calcein Blue AM, DAPI, Live/Dead Fixable Blue, Indo-1(violet), DyeCycle Violet, Hoechst, Zombie UV, BUV395(requires filter change)
	355 B	500 LP	525/50	Indo-1(blue), Live/Dead Fixable Aqua
	355A	635LP	730/45	BUV737
Red (640nm)	640 C	None	670/30	APC, Alexa Fluor 637, eFluor660, Sytox Red, DRAQ5, Fixable Viability Stain 660, Fixable Viability Dye eFluor660, DyLight 650, DyLight 650
	640 B	710 LP	730/45	Alexa Fluor 700, Alexa Fluor 680, APC-R700, DyLight 680
	640 A	755 LP	780/60	APC-Cy7, APC-Alexa Fluor 750, APC-H7, APC-eFluor780, APC-Fire 750, Fixable Viability Dye eFluor780, Zombie NIR, Live/Dead Fixable NIR(775)
Yellow/Green (561nm)	561 D	None	586/15	PE, PI, Alexa Fluor 568, DyeCycle Orange, dsRed, tdTomato
	561 C	595LP	610/20	PE-Texas Red, PE-CF594, PE-Dazzle 594, PE-Alexa Fluor 610, PI, 7AAD, mCherry
	561 B	635 LP	670/30	PE-Cy5, PI, 7AAD
	561 A	750 LP	780/60	PE-Cy7, PE-Vio770