

# BD LSRFortessa UNIFR



Laser:	Bandpass Filter	Suggested Fluorochromes
<b>Violet 405 nm</b>	450/50	Alexa Fluor 405, Pacific Blue, DyLight 405, eFluor 450, <b>Brilliant Violet 421 (BV421)</b> , Phalloidin, CF405M, <b>Brilliant Violet 510 (BV510)</b> , Pacific Green, VioBlue, <i>LIVE/DEAD Fixable Violet</i> , DAPI, SYTOX Blue Dead Cell Stain, <i>Zombie Violet Fixable</i> , <i>Zombie Violet Fixable</i>
	610/20	Alexa Fluor 430, Qdot 585, <b>Qdot 605</b> , Qdot 625, Pacific Orange, Brilliant Violet 605 (BV605), <i>Zombie Yellow Fixable</i> , LIVE/DEAD Fixable Yellow
	710/50	Qdot705, <b>Brilliant Violet 711 (BV711)</b> , Brilliant Violet 750 (BV750)
<b>Blue 488 nm</b>	488/10	SSC detector (Cyan Fluorescent Protein )
	530/30	Alexa Fluor 488, Alexa Fluor 514, FITC, Qdot 525, DyLight 488, Fluorescein, Brilliant Blue 515, VioBright FITC, <i>LIVE/DEAD Fixable Green</i> , SYTOX Green Dead Cell Stain, <i>Zombie Green Fixable</i> , Green Fluorescent Protein (emerald GFP)
	575/26	Alexa Fluor 514, Alexa Fluor 546, Qdot 565, <b>PE</b> , Qdot 585, RD1 (Phycoerythrin), <i>Propidium Iodide (PI)</i> , SYTOX Green Dead Cell Stain
	610/20	Qdot 585, Qdot 605, PE-Alexa Fluor 610, Qdot 625, PE-Vio615, PE-eFluor 610, <i>LIVE/DEAD Fixable Red</i> , 7-AAD , <i>Propidium Iodide (PI)</i> , <i>LIVE/DEAD Fixable Red</i>
	695/40	PerCP, <b>PerCP-Cy5.5</b> , <b>PE-Cy5 (PC5)</b> , Qdot 705, PE-Cy5.5 (PC5.5), PE-Alexa Fluor 700, PerCP-Vio700, 7-AAD , <i>Propidium Iodide (PI)</i> , DRAQ5, DRAQ7
	780/60	Qdot 800, <b>PE-Cy7</b> , PE-Alexa Fluor 750, PE-Vio770, DRAQ5
<b>Red 640 nm</b>	670/30	Alexa Fluor 633, Alexa Fluor 635, <b>Alexa Fluor 647</b> , Alexa Fluor 660, APC, APC-Cy5, APC-Cy5.5, Cy5, DyLight 647, Qdot 655, Alexa Fluor 680, Cy5.5, Qdot 705, DyLight 633, DyLight 649, DyLight 680, APC-Alexa Fluor 680, DyLight 650, VioBright DRAQ7 , SYTOX Red Dead Cell Stain, DRAQ5
	730/45	Alexa Fluor 660, APC-Cy5.5, Alexa Fluor 700, Alexa Fluor 680, APC-Cy7, Cy5.5, Qdot 705, Qdot 800, DyLight680, Dylight750 , Vio667, DRAQ7, <i>Zombie NIR Fixable</i> , DRAQ5
	780/60	Alexa Fluor 750, APC-Cy7, Cy7, Qdot 800, DyLight 750, APC-Alexa Fluor 750, APC-H7, DyLight 755, APC-Vio770, <i>ZombieNIR Fixable</i> , <i>LIVE/DEAD Fixable Near-IRRed</i> , DRAQ5

**Strong fluorochromes**  
Viability dyes