

BD FACS Celesta

Laser	Fluorescent Channel	BD FACS Celesta Channel Name	Commonly Used Fluorescent Dyes
405nm Violet	450/40	BV421	SuperBright 436, StarBright Violet 440, BV 421, V450, Pacific Blue, Alexa Fluor 405, Sytox Blue, Ghost Dye Violet 450, Live/Dead Fix Violet
	525/50 505 LP	BV510	StarBright Violet 515, StarBright Violet 475, BV 480, BV 510, eFluor 506, Pacific Green, Pacific Orange, Ghost Dye Violet 510, Zombie Aqua, Live/Dead Fix Aqua
	610/20 595 LP	BV605	StarBright Violet 610, BV 605, SuperBright 600, Qdot 605, Zombie Yellow
	670/30 655 LP	BV650	StarBright 670, BV 650, SuperBright 645, SuperBright 702, Qdot 655, Qdot 705
	780/60 750 LP	BV785	StarBright Violet 790, BV 750, BV 785, BV 786, SuperBright 780, Qdot 800
488nm Blue	530/30 505 LP	FITC	FITC, Alexa Fluor 488, GFP, Zombie Green, Live/Dead Fix Green, Brilliant Blue 515
	575/25 550 LP	PE	PE, Spark Blue 574, Alexa Fluor 555
	695/40 670 LP	PerCP-Cy5.5	PerCP-eFluor 710, Brilliant Blue 700, StarBright Blue 700, PerCP-Vio 700, PE-Fire 700, PerCP, PerCP-Cy5.5, PE-Cy5.5, 7-AAD, Propidium Iodide
	780/60 750 LP	PE-Cy7	PE-Cy7, PE-Vio770, PE-Fire 810
633nm Red	670/30	APC	APC, Alexa Fluor 647, eFluor 660, Vio667, Live/Dead Fix Far Red, Sytox Red,
	730/45 690 LP	AF 700	APC-R700, Alexa Fluor 700, APC-Alexa 700, APC-Cy5.5, Zombie NIR, Ghost Dye Red 710
	780/60 750 LP	APC-Cy7	APC-Alexa 750, APC-Cy7, APC-H7, APC-Fire 750, Live/Dead Fix Near IR, Ghost Dye Red 780