

Laser	Mirror	Filter	Channel name	Examples of suitable dyes
UV 355nm	755 LP	800/30	UV 800/30	BUV805, Qdot800
	690 LP	740/35	UV 740/35	BUV737
	635 LP	660/40	UV 660/40	BUV661
	595 LP	610/20	UV 610/20	BUV615
	550 LP	570/30	UV 570/30	BUV563
	505 LP	515/20	UV 515/20	BUV496, DAPI, Live/Dead Blue, Zombie UV
		379/28	UV 379/28	BUV395
Violet 405 nm	750 LP	780/40	Vio 780/40	BV750, BV785, BV786, SuperBright780, RV828
	690 LP	710/40	Vio 710/40	BV711, SuperBright702
	630 LP	655/12	Vio 655/12	BV650
	595 LP	610/20	Vio 610/20	BV605, SuperBright600
	570 LP	586/15	Vio 586/15	BV570
	505 LP	515/20	Vio 515/20	BV510, Pacific Green, V500, Zombie Aqua, eFluor506, AmCyan
	450 LP	470/15	Vio 470/15	BV480
	425 LP	450/50	Vio 450/50	BV421, eFluor450, Live/Dead Violet, Zombie Violet, V450
Blue 488 nm	750 LP	780/60	Blue 780/60	RB780
	690 LP	710/50	Blue 710/50	RB705, BB710, PerCP-Cy5.5, PerCP-eFluor710, PerCP-Vio700
	635 LP	670/30	Blue 670/30	RB670, BB660, PerCP
	595 LP	610/20	Blue 610/20	RB613, BB630
	495 LP	530/30	Blue 530/30	BB515, RB545, FITC, AlexaFluor 488, GFP, Live/Dead Green
		488/10	SSC	
Yellow Green 561 nm	750 LP	780/60	YG 780/60	RY775, PE-Cy7, BYG785, PE-Vio770
	690 LP	710/50	YG 710/50	RY703, PE-Cy5.5, PE-AlexaFluor 700
	635 LP	670/30	YG 670/30	RY655, PE-Cy5, BYG660, PE-AlexaFluor 647
	600 LP	610/20	YG 610/20	RY610, PE-Texas Red, mCherry, BYG612, AlexaFluor 594, eFluor615, Live/dead Red, PE-CF594, PE-Dazzle594, Zombie Red
		586/15	YG 586/15	RY586, PE, DsRED, BYG584, tdTomato, eFluor570
Red 639 nm	750 LP	780/60	Red 780/60	APC-Cy7, APC-H7, Live/dead NIR, Zombie NIR, APC-Fire750, APC-eFluor780, APC-AlexaFluor 750
	685 LP	710/20	Red 710/20	AlexaFluor700, APC-Cy5.5, APC-R700, eFluor710, ATTO680
	635 LP	670/30	Red 670/30	APC, RR688, eFluor660, Live/dead Far Red

Examples of spectral viewer:

[BD spectrum viewer](#)

[Biolegend conventional spectra analyzer](#)

[Thermo Fisher spectra viewer](#)