

Laser	Detector	Filter	Most common Dyes/Fluocrocromes
UV 335nm	UV1	372/15	
	UV2	387/15	BUV395
	UV3	427/15	
	UV4	443/15	
	UV5	458/15	
	UV6	473/15	Alexa Fluor350, eFluor 455
	UV7	514/28	BUV496, DAPI, ZombieUV
	UV8	542/28	
	UV9	581/31	BUV563
	UV10	612/31	BUV615
	UV11	664/27	BUV661
	UV12	691/28	
	UV13	720/29	
	UV14	750/30	BUV737
	UV15	780/30	
	UV16	812/34	BUV805
Violet 405nm	V1	428/15	Alexa Fluor 405, BV421, DyLight 405
	V2	443/15	Ghost Violet 450, Super Bright 436, V450, Viobility 405/452, Zombie Violet, Live/Dead Blue, Calcein Violet-AM, CellTrace Violet, Cell Proliferation Dye
	V3	458/15	Pacific Blue, Live/Dead Violet, VioBlue, eFluor 450, DAPI, CellTracker Blue
	V4	473/15	AmCyan, eFluor 490 NC
	V5	508/20	BV480, V500, CellTracker Violet, FVS 510, Viobility 405/520
	V6	525/17	Qdot 525
	V7	542/17	Alexa Fluor 430, Pacific Orange, Qdot 545, eFluor 506, BV510, VioGreen, Zombie Aqua, Live/Dead Aqua, Amethyst Orange, Cascade Yellow, FVS 440UV

	V8	581/19	BV570, Live/Dead Yellow
	V9	598/20	
	V10	615/20	Super Bright 600, BV605, Qdot 605, Zombie Yellow, Zombie Red, Live/Dead Red
	V11	664/27	BV650, Qdot 655, Super Bright 645
	V12	692/28	
	V13	720/29	Qdot 705, Super Bright 702, BV711
	V14	750/30	BV750
	V15	780/30	BV785, BV786, Super Bright 780, Qdot800
	V16	812/34	
Blue 488nm	B1	508/20	BB515, Vio515, sVio515, Calcein-Green-AM, CellTracker Green
	B2	525/17	FITC, Alexa Fluor 488, vioBright FITC, Zombie Green, SYBR Green, CFSE, YFP
	B3	542/17	Alexa Fluor 514, Alexa Fluor 532, Spark Blue 550, Live/Dead Green
	B4	581/19	
	B5	598/20	
	B6	615/20	ECD, BB630
	B7	660/17	7-AAD
	B8	678/18	PerCP
	B9	697/19	BB700, PerCP-Cy5.5
	B10	717/20	PerCP-eFluor 710, PerCP-Vio700
	B11	738/21	
	B12	760/23	
	B13	783/23	BB790
	B14	812/34	
Yellow-Green 561nm	YG1	577/20	Alexa Fluor 546, Alexa Fluor 555, PE, BYG584, Calcein-Red-AM, CellTracker Orange, dTomato, pHrodo

	YG2	598/20	Alexa Fluor 568, Calcein-Red-Orange-AM, CellTracker Red
	YG3	615/20	Alexa Fluor 594, PE/Dazzle 594, PE-CF594, PE-Texas Red, PE-mCherry, PE-Vio615, Live/Dead Red
	YG4	660/17	PE-eFlour 610
	YG5	678/18	PE-Cy5
	YG6	697/19	
	YG7	720/29	PE-CY5.5, PE-Alexa Fluor 700
	YG8	75030	
	YG9	78030	PE-CY7,PE-vio770
	YG10	812/34	
	Red 640nm	R1	660/17
R2		678/18	Alexa Fluor 647, eFluor 660, Vio667, sVio667, Live/Dead Far Red
R3		697/19	Alexa Fluor 680, APC-Alexa 680, APC-Cy5.5
R4		717/20	APC-R700, Alexa Fluor 700, APC-Alexa 700
R5		738/21	
R6		760/23	Spark NIR 685, Zombie NIR
R7		783/23	APC-Alexa 750, APC-Cy7, APC-eFluor 780, APC-Fire 750, APC-H7, APC-Vio770, Live/Dead Near-IR
R8		812/34	