

Laser Name	Wavelength	Power	Detector	Channel	Mirror	Filter	Parameter	Suggested Fluorophores
Blue	488 nm	100	A	6	750 LP	780/60 BP	BB790	BB790
			B	5	690 LP	710/50 BP	BB700	BB700, PerCP, PerCP-Cy5.5, PerCP-eF 710, 7-AAD, PI
			C	4	635 LP	670/30 BP	BB660	BB660
			D	3	600 LP	610/20 BP	BB630	BB630
			E	2	505 LP	515/20 BP	BB515	BB515, Alexa 488, GFP, YFP, CFSE, FITC, ToPro-1
			F	1		488/10 BP	SSC	
Red	637 nm	140	A	9	750 LP	780/60 BP	APC-Cy7	APC-H7, APC-Cy7, APC-eF 780, Zombie NIR
			B	8	690 LP	710/50 BP	Alexa 700	APC-R700, Alexa 700, APC-Cy5.5, Vybrant dye Cycle Ruby stain
			C	7		670/30 BP	APC	APC, Alexa 633, eFluor 660, To-Pro3, Alexa 647
Violet	405 nm	100	A	17	770 LP	820/60 BP	BV786	BV786
			B	16	740 LP	750/30 BP	BV750	BV750
			C	15	690 LP	710/50 BP	BV711	Qdot 705, BV711, yellow dead cell
			D	14	635 LP	670/30 BP	BV650	Qdot 655, BV650
			E	13	600 LP	610/20 BP	BV605	Qdot 605, BV605
			F	12	570 LP	586/15 BP	BV570	Live/dead aqua, BV570, Pacific Orange
			G	11	505 LP	525/50 BP	BV480/BV510	V500, BV510, BV480, Pacific Blue, eFlour 450, Hoescht, DAPI
			H	10	410 LP	431/28 BP	BV421	Alexa 405, BV421, DAPI
UV	349 nm	60	A	25	770 LP	820/60 BP	BUV805	BUV805
			B	24	690 LP	740/35 BP	BUV737	BUV737
			C	23	635 LP	670/30 BP	BUV661	BUV661
			D	22	600 LP	610/20 BP	BUV615	BUV615
			E	21	550 LP	586/15 BP	BUV563	BUV563
			F	20	495 LP	515/30 BP	BUV496	Hoeschst 33342, Indo-unbound
			G	19	410 LP	450/50 BP	DAPI	DAPI, BUV450
			H	18		379/28 BP	BUV395	Indo-1 bound
Yellow-Green	561 nm	150	A	29	750 LP	780/60 BP	PE Cy7	BYG790, PECy7
			B	28	650 LP	670/30 BP	PE Cy5	7-AAD, BYG670, mPlum, PE Cy5.5, PECy7, PE Cy5
			C	27	600 LP	610/20 BP	PE CF594	mCherry, PE-Texas Red, PI, PE/Dazzle, PE CF594
			D	26		586/15 BP	PE W/561	PE , BYG584, AF555, AF546, dTomato, DSRed, RFP