

Laser Name	Detector	Mirror	Filter	Diva Names
488nm	A	670 LP	692/40 BP	PerCP-Cy5-5
50mW	B	505 LP	525/50 BP	FITC or GFP
640nm	A	750 LP	780/60 BP	APC-Cy7
40mW	B	685 LP	730/45 BP	Alexa Fluor 700
	C		670/30 BP	APC
561nm	A	750 LP	780/60 BP	PE-Cy7
100mW	B	600 LP	615/45 BP	PE-TR, mCherry, mKate, 7-AAD, PI
	C		582/15 BP	PE, tdTomato, AF594, dsRed, RFP
355nm	A	785 LP	800LP	BUV800
20mW	B	685 LP	730/45 BP	BUV737
	C	440 LP	450/50 BP	Indo-1 (Violet), Z-UV
	D		380/30 BP	Indo-1 (Blue), BUV395
405nm	A	750 LP	780/60 BP	BV785
100mW	B	685 LP	730/45 BP	BV711
	C	655 LP	660/20 BP	BV650
	D	600 LP	610/20 BP	BV605
	E	495 LP	510/50 BP	BV510, mCFP
	F		450/50 BP	DAPI, Pacific Blue, BV421

Use also for these fluors (non exhaustive list):

YFP, Zombie-Green, JC1 [monomeric], pHrodo [green], BB515, Sytox Green

APC-Cy7, Zombie NIR

AF680, Draq7

AF647

PE-Dazzle, Texas-Red, Live Dead Red

TMRE, TMRM, JC-1 [aggregated]

Hoechst (cell cycle), Zombie UV, Indo-1[unbound]

Indo-1[bound]

DAPI or Hoechst (viability), Zombie Violet, BFP