

FACSCanto System Optic Filter Guide

March, 13th, 2014

Laser	Detector	LP Filter	BP Filter	Wavelength	Default	Same Wavelength Dye
488 nm (Blue) (20 mW)	A	735LP	780/60	750 ~ 810 nm	PE-Cy7	
	B	655 LP	695/40	675 ~ 715 nm	PerCP	PerCP-Cy 5.5, 7AAD
	C	550 LP	575/25	562 ~ 588 nm	PE	DsRed, PI
	D	502 LP	530/30	515 ~ 545 nm	FITC	Alexa 488, EYFP, GFP, CFSE
	E		488/10	483 ~ 493 nm	SSC	
640 nm (Red) (40 mW)	A	735 LP	780/60	750 ~ 810 nm	APC-Cy7	APC-H7, APC-Cy7, APC-Alexa 750
	B	685 LP	712/21	702 ~ 723 nm	Alexa Fluor 700	
	C		670/30	655 ~ 685 nm	APC	Alexa Fluor 647, 660, 633, Sytox Red.
405 nm (Violet) (30 mW)	A	570 LP	605/40	585 ~ 625 nm	BD Horizon 605	Qdot 605
	B	505 LP	525/50	500 ~ 550 nm	BD Horizon V500-C	AmCyan, BD Horizon 510, Aqua, Cascade Yellow, Lucifer Yellow, Pacific Orange Alexa 430, Qdot 565, Qdot 585.
	C		450/50	425 ~ 475 nm	BD Horizon V450	Pacific Blue, DAPI, BD Horizon 421, Alexa 405, Cascade Blue, CFP