

Biochemical Pharmacology, IOCB Prague
Standard Operating Procedure

Optical setup of CytoFLEX LX

Laser	Filter	Parameter	Fluorochromes
UV 355 nm	386/26	UV385	BUV395
	450/45	UV450	DAPI, Hoechst Blue, Cascade Blue
	525/40	UV525	BUV496, Qdot525, Qdot545
Violet 405 nm	450/45	V450-PB	DAPI, Pacific Blue, V450,AF405, BV421
	525/40	V525_KrO	BV510, V500, Zombie Aqua, AF430
	610/20	V610	BV605, Qdot605
	660/10	V660	BV650, Qdot655
	763/43	V763	BV785, Qdot800
Blue 488 nm	525/40	B525-FITC	FITC, CFSE, BB515, Zombie Green, SYTOXGreen, VioBright515
	610/20	B610-ECD	7-AAD,
	690/50	B690-PC5.5	7AAD, PerCP, PE-Cy5.5
YellowGreen 561 nm	585/42	Y585/PE	PE, tomato, AF546
	610/20	Y610-mCherry	PE-CF594, AF594, PI
	675/30	Y675_PC5	PE-Cy5, 7AAD,
	710/50	Y710-PC5.5	PE-Cy5.5,PI
	763/43	Y763-PC7	PE-Cy7, PE-Vio770
Red 638 nm	660/10	R660-APC	APC, AF633, AF647
	712/25	R712-APCA700	AF680, AF700, DRAQ5, APC-Cy5.5
	763/43	R763-APCA750	APC-Cy7, Zombie NIR, AF750
Infrared 808 nm	840/20	IR840-A790	CF790, AF750, AF790
	885/40	IR885	ViaKrome808, PromoFluor840