

Melbourne Brain Centre Flow Cytometry Facility CytoFlex LX

Laser	Power	#	BP	CytoFLEX LX	Fluorochromes
UV (350nm)	20 mW	1	405/30	☼	BUV395, Fluorespheres blue, Indo1 (Calcium-bound)
			450/45	/	Hoechst 33342
		2	525/40	☼	BUV496, Indo1 (Calcium-free)
			550/30	/	BUV563
		3	675/30	/	BUV661
			740/35	☼	BUV737
			819/44	/	BUV805
Violet (405nm)	100 mW		405/10	/	405nm SSC (nanoparticle detection)
		4	450/45	☼	BV421, BV480, DAPI, Pacific blue, V450, EF450, SB436, AF405, Dyecycle violet
		5	525/40	☼	BV480, BV510, V500, AmCyan, Live/dead aqua, CFP
		6	610/20	☼	BV605
		7	660/10	☼	BV650
			710/50	/	BV711
		8	763/43	☼	BV750, BV786
Blue (488nm)	56 mW		488/8	☼	488nm SSC
		9	525/40	☼	FITC, BB515, AF488, GFP, CFSE, YFP, Dyecycle green, FAM, JC1 (green)
		10	585/15	☼	DHE, JC1 (red)
			610/20	/	PE-CF594, PI
		11	690/50	☼	PerCP-Cy5.5, BB700, PerCP
YG (561nm)	30 mW	12	610/20	☼	PE-CF594, PE-Texas Red, PE-AF610, PE-Dazzle 594, PE-eFluor 610, RFP, dsRed, mCherry, PI, Texas Red
		13	763/43	☼	PE-Cy7, PE-AF750, PE-vio770
		14	585/42	☼	PE, mOrange, AF568, dTomato, TAMRA, pHrodo Red
		15	675/30	☼	PE-Cy5, Pe-Cy5.5, 7AAD, PI
		16	710/50	☼	PE-eFluor 710
Red (638nm)	50 mW	17	763/43	☼	APC-Cy7, APC-AF750, APC-H7
		18	660/10	☼	APC, AF647, SYTO 17, ViaKrom 638 fixalbe viability dye
		19	712/25	☼	AF700, APC-R700, DRAQ5
InfraRed (808nm)	60 mW	20	840/20	☼	AF790, DyLight 800, Live/dead fixable Near-IR, IRDye 800CW
		21	885/40	☼	ViaKrom 808 fixable viability dye



standard filter

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optional filter