

**Faculty of Medicine Flow Cytometry Facility- BD LSR II Filter Configuration**

Laser	LSRII	Colours
Blue (488 nm)	530/30	FITC, BB5815, VioBright FITC, Alexa488
	576/26	PE, DS Red, tdTomato
	610/20	PE-CF594, PE-TR, ECD, PE-Dazzle
	695/40	PerCP, PerCP-Cy5.5™, PE-Cy5™ (PC5), PE-Cy5.5™, PerCP-eFluor® 710, PE-Alexa Fluor™ 700, PE-Alexa Fluor™ 680, PE-Alexa Fluor™ 647, 7-AAD , Propidium Iodide (PI) , 7-AAD, SYTOX® AADvanced™ Dead Cell Stain
	780/60	PE-Cy7, PE-Alexa Fluor 750
Red (640 nm)	660/20	Alexa Fluor® 633, Alexa Fluor® 635, Alexa Fluor® 647, Alexa Fluor® 647-PE, Alexa Fluor® 660, APC, APC-Cy5™, Atto 647, Cy5™, DyLight® 647, Dyomics 647 (DY-647), Atto 655, DyLight® 633, DyLight® 649, HiLyte Fluor™ 647, DyLight® 650, Atto 633, Atto 647N, TO-PRO®-3, DRAQ5™ (DNA dye), DRAQ7™ (DNA dye), SYTOX® Red Dead Cell Stain
	720/40	Alexa Fluor® 680, Alexa Fluor® 680-APC, Alexa Fluor® 680-PE, Alexa Fluor® 700, Atto 700, DyLight® 680, APC-Alexa Fluor® 680, APC-Alexa Fluor® 700, RedFluor™ 710, DRAQ5™ (DNA dye), DRAQ7™ (DNA dye), Zombie NIR™ Fixable (viability)
	780/60	Alexa Fluor® 750, APC-Cy7™, Cy7™, DyLight® 750, APC-Alexa Fluor® 750, APC-eFluor® 780, APC-H7, HiLyte Fluor™ 750, APC-C750, DyLight® 755,(DNA dye), Zombie NIR™ Fixable (viability), LIVE/DEAD®
Violet (405 nm)	450/50	Alexa Fluor® 405, Cascade Blue®, Pacific Blue™, Atto 390, Atto 425, DyLight® 405, eFluor® 450, Brilliant Violet 421™ (BV421™), Phalloidin, CF405M, Brilliant Violet 510™ (BV510™), Pacific Green™, violetFluor™ 450, LIVE/DEAD® Fixable Violet, DAPI, SYTOX®Blue Dead Cell Stain, Zombie Violet™ Fixable (Viability), Zombie Violet™ Fixable (Viability), Cyan Fluorescent Protein (CFP), Tag-BFP, Cerrulean
	510/50	Alexa Fluor® 430, EviTag® quantum dots - Adirondack Green (520 nm), EviTag® quantum dots - Catskill Green (540 nm), Qdot®525, , Orange Cytognos 515™ (OC-515), Krome Orange™, Brilliant Violet 510™ (BV510™), Pacific Green™, 7C, LIVE/DEAD® Fixable Aqua, DAPI, SYTOX® Blue Dead Cell Stain, Zombie Aqua™ Fixable (viability), Zombie Yellow™ Fixable, LIVE/DEAD® Fixable Yellow , Cyan Fluorescent Protein (CFP)
	605/20	Alexa Fluor® 430, EviTag® quantum dots - Fort Orange (600 nm), Qdot® 605, eFluor® 605NC, Cascade Yellow®, Brilliant Violet 605™ (BV605™), Zombie Yellow™ Fixable, LIVE/DEAD® Fixable Yellow
	660/40	Qdot® 655, eFluor® 650NC, Brilliant Violet 650™ (BV650™)
	780/60	Qdot® 800, Brilliant Violet 785™ (BV785™)