

Faculty of Medicine Flow Cytometry Facility - BD FACS Canto II Detector Configuration

Laser	Detection Filter	Colours
Blue 488 nm	525/50	FITC, BB5815, VioBright FITC, Alexa488
	576/26	PE, DS Red
	695/40	PerCP, PerCP-Cy5.5™, PE-Cy5.5™ (PC5.5), PerCP-eFluor® 710, PE-Alexa Fluor™ 700, PE-Alexa Fluor™ 680, PE-Alexa Fluor™ 647, 7-AAD, Propidium Iodide (PI), 7-AAD, 7-AAD, SYTOX® AADvanced™ Dead Cell Stain
	780/60	PE-Cy7, PE-Alexa Fluor 750
Red (633 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
	780/60	Alexa Fluor® 750, APC-Cy7™, Cy7™, Qdot® 800, Atto 700, DyLight® 750, APC-Alexa Fluor® 750, APC-eFluor® 780, APC-H7, HiLyte Fluor™ 750, APC-C750, DyLight® 755, redFluor™ 710, DRAQ5™ (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® D05, eFluor® 450, Brilliant Violet 421™ (BV421™), CF405M, Pacific Green™, Live/deadFixable Violet, DAPI, SYTOX®Blue Dead Cell Stain, Zombie Violet™ Fixable (Viability), Cyan Fluorescent Protein (CFP)
	525/50	Alexa Fluor® 430, EviTag® quantum dots - Adirondack Green (520 nm), EviTag® quantum dots - Catskill Green (540 nm), Qdot®525, Pacific Orange™, Cascade Yellow®, eFluor® 565NC, 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)