

LSRFortessa Katz (LSRFortessa Katz)

Laser:	Bandpass Filter	Suggested Fluorochromes
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, CF-Blue, VioBlue®, LIVE/DEAD® Fixable Violet, DAPI, SYTOX® Blue Dead Cell Stain, Zombie Violet™ Fixable (Viability), 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, Atto 390, Atto 425, Pacific Orange™, Cascade Yellow®, eFluor® 565NC, Orange Cytognos 515™ (OC-515), Krome Orange™, Brilliant Violet 510™ (BV510™), Pacific Green™, 7C, VioGreen™, 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)
Blue 488 nm	530/30	Alexa Fluor® 488, Alexa Fluor® 514, Cy2™, FITC, Qdot® 525, Atto 465, Atto 488, Atto 520, DyLight® 488, FAM™, HiLyte Fluor™ 488, eFluor® 565NC, Fluorescein-5-maleimide (FMLA), 488-NHS Ester, Fluorescein, Brilliant™ Blue 515 (BB515), VioBright™ FITC, LIVE/DEAD® Fixable Green, SYTOX® Green Dead Cell Stain, Zombie Green™ Fixable (viability), Green Fluorescent Protein (emerald GFP), Cyan Fluorescent Protein (CFP)
	575/26	Alexa Fluor® 514, Qdot® 565, PE, Qdot® 585, eFluor® 565NC, RD1 (Phycoerythrin), eFluor® 585NC, BPE, RPE, Propidium Iodide (PI) , SYTOX® Green Dead Cell Stain, CyTRAK Orange™ cell-permeant DNA probe
	695/40	PerCP, PerCP-Cy5.5™, PE-Cy5™ (PC5), Qdot® 705, PE-Cy5.5™ (PC5.5), PerCP-eFluor® 710, PE-Alexa Fluor™ 700, TRI-COLOR®, PE-Alexa Fluor™ 680, PE-Alexa Fluor™ 647, PerCP-Vio700™, 7-AAD , Propidium Iodide (PI) , 7-AAD, SYTOX® AADvanced™ Dead Cell Stain, DRAQ5™ far-red cell-permeant DNA probe, DRAQ7™ far-red viability probe, CyTRAK Orange™ cell-permeant DNA probe
	780/60	Qdot® 800, PE-Cy7™ (PC7), PE-Alexa Fluor™ 750, PE-Vio770™, DRAQ5™ far-red cell-permeant DNA probe, CyTRAK Orange™ cell-permeant DNA probe
Red 640 nm	670/14	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), Qdot® 655, Alexa Fluor® 700-APC, Qdot® 705, Atto 610, Atto 620, Atto 655, DyLight® 633, DyLight® 649, eFluor® 650NC, HiLyte Fluor™ 647, DyLight® 650, Atto 633, Atto 647N, TO-PRO®-3, DRAQ7™ far-red viability probe, SYTOX® Red Dead Cell Stain, DRAQ5™ far-red cell-permeant DNA probe

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	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, APC-Vio770™, Zombie NIR™ Fixable (viability), LIVE/DEAD® Fixable Near-IR Red , DRAQ5™ far-red cell-permeant DNA probe