

LSRFortessa X20 (LSRFortessa X20)



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)
	610/20	Alexa Fluor® 430, EviTag® quantum dots - Fort Orange (600 nm), Qdot® 585, Qdot® 605, eFluor® 605NC, Qdot® 625, Pacific Orange™, Cascade Yellow®, Brilliant Violet 605™ (BV605™), Zombie Yellow™ Fixable, LIVE/DEAD® Fixable Yellow
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)
	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
Red 640 nm	670/30	Alexa Fluor® 633, Alexa Fluor® 635, Alexa Fluor® 647, Alexa Fluor® 647-PE, Alexa Fluor® 660, APC, APC-Cy5™, APC-Cy5.5™, Atto 647, Cy5™, DyLight® 647, Dyomics 647 (DY-647), Qdot® 655, Alexa Fluor® 680, Alexa Fluor® 680-APC, Alexa Fluor® 680-PE, Alexa Fluor® 700-APC, Cy5.5™, Qdot® 705, Atto 594, Atto 610, Atto 620, Atto 635, Atto 655, Atto 680, DyLight® 633, DyLight® 649, DyLight® 680, eFluor® 650NC, eFluor® 660, HiLyte Fluor™ 647, APC-Alexa Fluor® 680, DyLight® 650, SureLight® PBXL-3, SureLight® P3, Atto 633, Atto 647N, Dyomics 634 (DY-634), TO-PRO®-3, DRAQ7™ far-red viability probe, SYTOX® Red Dead Cell Stain, DRAQ5™ far-red cell-permeant DNA probe

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	730/45	Alexa Fluor® 660, APC-Cy5.5™, Atto 647, Alexa Fluor® 680, Alexa Fluor® 680-APC, Alexa Fluor® 680-PE, Alexa Fluor® 700, APC-Cy7™, Cy5.5™, Qdot® 705, Qdot® 800, Atto 655, Atto 680, Atto 700, DyLight® 680, DyLight® 750, APC-Alexa Fluor® 750, APC-Alexa Fluor® 680, APC-Alexa Fluor® 700, redFluor™ 710, DRAQ7™ far-red viability probe, Zombie NIR™ Fixable (viability), DRAQ5™ far-red cell-permeant DNA probe
	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
Yellow-Green 561 nm	586/15	Alexa Fluor® 546, Cy3™, PE, Alexa Fluor® 568, Lissamine Rhodamine, Rhodamine Red-X, Rhodamine Red™, HiLyte Fluor™ 555, RD1 (Phycoerythrin), eFluor® 585NC, PE-Dazzle™ 594, BPE, RPE
	610/20	Alexa Fluor® 568, PE-Texas Red (ECD), Alexa Fluor® 594, Rhodamine Red-X, Texas Red, eFluor® 605NC, PE-Alexa Fluor™ 610, Rhodamine Red™, PE-Dylight® 590, eFluor® 615, PE-Dazzle™ 594, PE-Dylight® 594
	670/30	PE-Cy5™ (PC5), PE-Cy5.5™ (PC5.5), eFluor® 650NC, PE-Dyomics 647, PE-Dylight® 647, PE-Alexa Fluor™ 680, PE-Alexa Fluor™ 647, SureLight® P1
	710/50	PE-Cy5.5™ (PC5.5), PE-Alexa Fluor™ 700, PE-Alexa Fluor™ 680, PE-Alexa Fluor™ 647, PE-Cy6™ (PC6)
	780/60	PE-Cy7™ (PC7), PE-Alexa Fluor™ 750, APC-Vio770™, PE-Vio770™