

LSRFortessa X-20

LSRFortessa Instrument Configuration

(5-Blue 6-Violet 3-Red)

Detector Array	PMT (Detector)	Longpass Dichroic Mirror	Bandpass Filter	Fluorochrome or Scatter Parameter
Blue Octagon (488-nm)	A	750LP	780/60	PE-Cy7
	B	690LP	695/40	PerCP-Cy5.5
	C	595LP	610/20	PE-Texas Red
	D	550LP	586/15	PE
	E	505LP	530/30	FITC, AlexaFluor488
	F	None	488/10	SSC
	G	blank	blank	none
	H	blank	blank	none
Violet Octagon (405-nm)	A	750LP	780/60	Qdot-800, BV786
	B	690LP	710/50	Qdot-700, Qdot-705, BV711
	C	635LP	670/30	Qdot-655, eFluor 650, BV650
	D	595LP	610/20	Qdot-605, eFluor 605, BV605
	E	495LP	525/50	Alexa430, AmCyan, Qdot-525, Pacific Orange, BV510
	F	blank	450/50	Alexa405, Pacific Blue, CFP, BV421
	G	blank	blank	none
	H	blank	blank	none
Red Octagon (640-nm)	A	755LP	780/60	APC-Cy7, APC-Alexa750
	B	685LP	710/50	APC-Cy5, Alexa 680, APC-Alexa700
	C	blank	670/30	APC, Alexa 647