

### Configuration of LSR II

Laser	Detector	Band Pass Filter	Dichoric Filter	Color name available on the instrument	Additional Color	Channel in Fortessa
Blue 488nm	A	710/50	685LP	PerCP-Cy5.5/PE-Cy5	PI	Yes
	B	525/50	505LP	FITC/GFP/Alexa488	Sytox Green/Fixable Green	Yes
	C	488/10	Blank	SSC		Yes
Green 532nm	A	780/60	750LP	PE-Cy7		Yes
	C	610/20	600LP	PE-Texas Red/PE-CF594	7AAD/PI/Fixable Red	Yes
	D	575/25	Blank	PE	Sytox Orange/PI	Yes
Violet 405nm	A	710/50	685LP	Qdot705	BV711	Yes
	B	655/12	635LP	Qdot655	BV650	Yes
	C	610/20	595LP	Qdot605	BV605	Yes
	D	515/30	505LP	Alexa430/AmCyan/Pac Orange/V500/ (BV570 filter change)	CFP/Sytox Blue/Fixable Aqua/BV510	Yes
	E	450/50	Blank	Alexa405/Pac Blue/Cascade Blue/V450/BV421	DAPI/Sytox Blue/Fixable Violet	Yes
Red 633nm	A	780/60	750LP	APC-Cy7/APC-H7/APC-A780	Fixable Near IR	Yes
	B	730/45	685LP	Alexa700	APC-R700	Yes
	C	670/30	Blank	Alexa647/APC/DRAQ5	Sytox Red/Fixable Far Red/Alexa633	Yes
UV 355nm	A	620/10	610LP	Qdot605UV	Hoe Red/(BUV737 filter change)	No
	B	515/30	505LP	Indo-1 Blue/Qdot 525	live/dead aqua/BUV496(DAPI filter change)	No
	C	450/50	Blank	DAPI/Alexa350/Indo-1 violet/	Fixable Blue/Hoe Blue/ (BUV395 filter change)	No
Orange 594nm	A	685/35	670LP	mPlum		No
	B	620/20	Blank	Alexa594/568, mCherry, mStraw, Texas Red		No