

Configuration of LSRII (HICCC)

Lasers	Detector	Band Pass Filter	Dichoric Filter	Color name available on the instrument	Additional Color
Blue 488nm	A	780/60	735LP	PE-Cy7	
	B	695/40	635LP	PerCP	PerCP-Cy5.5/PE-Cy5/7AAD
	C	610/20	600LP	PE-TR	PE-CF594/PE-Dazzle594/PI
	D	575/26	550LP	PE	PI
	E	525/50	505LP	FITC/Alexa488	GFP/Sytox Green/Fixable Green
	F	488/10	Blank	SSC	
Violet 405nm	A	780/60	750LP	BV786	
	B	710/50	690LP	BV711	
	C	670/30	635LP	BV650	
	D	610/20	595LP	BV605	
	E	525/50	505LP	BV510	AmCyan/V500/CFP/Sytox Blue/Fixable Aqua/BV510
	F	450/50	Blank	BV421	Pac Blue/Cascade Blue/V450
Red 633nm	A	780/60	735LP	APC-Cy7	Fixable Near IR/APC-H7/APC-A780
	B	710/20	685LP	Alexa700	APC-R700
	C	660/20	Blank	APC	Alexa647/Sytox Red/Fixable Far Red/Alexa633/DRAQ5
UV 355nm	A	740/35	690LP	BUV737	
	B	530/30	505LP	BUV496	live/dead aqua/BUV496/Indo-1Blue
	C	450/40	410LP	DAPI	Fixable Blue/Hoe Blue/Alexa350/Indo-1 violet
	D	379/28	Blank	BUV395	