

6L LSR Configuration

2UV-5V-2B-4YG-3R-2FR

May-18

LASER	PMT	LP	BP	Generic	Fluorochromes	Possible Changes
UV 355nm	B		450/50	UV450/50	DAPI Alexa350 ef455 Hoescht Blue	X* Indo-1 Violet 405/20 X*BUV395 379/28
	A	505	530/30	UV530/30	Indo-1 Blue Live/Dead Fix. Aqua	X* BUV737 740/35 X* Hoescht Red 670/50 LP635
Violet (V)	E		450/50	V450/50	Brilliant Violet 421 eFluor 450 Pacific Blue CFP MBBR/MCBR DAPI	
	D	505	525/50	V525/50	BV510 V500	
	C	595	610/20	V610/20	BV605 QDOT 605	X*BV570 585/30 X*Pacific Orange 585/30
	B	630	660/20	V660/20	BV650	
	A	690	710/50	V710/50	BV711	
Blue (B)	C	505	525/50	B525/50	Alexa 488 FITC GFP YFP	
	B	635	695/40	B695/40	PerCP-Cy5.5 PerCP PerCP-eFluor710	X* PE 582/15 LP550 X* YFP 550/40 LP525
Yellow- Green (YG)	D		582/15	YG582/15	PE DSRED tdTomato pHRodo RFP mOrange	
	C	600	610/20	YG610/20	mCherry PE-TexasRed TexasRed PE-Dazzle PE-CF594 Propidium Iodide	
	B	635	670/30	YG670/30	PE-Cy5 7-AAD	
	A	750	780/60	YG780/60	PE-Cy7	
Red (R)	C		670/14	R670/14	APC Alexa 647 Cy5 Draq7	
	B	690	730/45	R730/45	Alexa 700	
	A	750	780/60	R780/60	APC-Cy7 APC-eFluor780 Live/Dead Far Red APC-H7	
Far Red (FR)	B		720/40	FR720/40		
	A	750	785/40	FR785/40		

Filters shown above are the standard configuration for this analyser. This is not an exhaustive list of suitable fluorochromes for these filters. Possible changes marked with a X* do require actual filter changes. We also hold spare filters for alternative emission wavelengths. Please ask facility staff for advice if your fluorochrome of interest does not feature above.