

Configuration MoFlo

laser	detector position	upper dichroic filter	band pass filter	parameter designation	fluorochromes	fluorescent proteins	other dyes (viability, tracking, functional dyes, etc.)
-------	-------------------	-----------------------	------------------	-----------------------	---------------	----------------------	---

Default configuration:

Argon blue (488 nm)	PMT 0		488/10	SSC			
	PMT 1		530/40	FL1	AF488, AF500, BB515, Cy2, DyLight 488, FITC	GFP, YFP, eGFP, eYFP, Topaz, Venus	Calcein (Green) AM, CFSE, Fluo-3, Rhodamine 110, LIVE/DEAD Green, Syto 13, SYTOX Green, YO-PRO-1, Zombie Green
	PMT 2			FL2	Cy3, PE		
	PMT 3			FL3	ECD, PE-AF610, PE-CF594, PE-eFluor610, PE-TexasRed, PE-Vio615		LIVE/DEAD Red, PI, Zombie Red
	PMT 4			FL4	7-AAD, PE-AF700, PE-Cy5, PE-Cy5.5, PerCP-Cy5.5, PerCP-eFluor710,		
	PMT 5			FL5	PE-AF750, PE-Cy7, PE-Vio770		

Krypton red (647 nm)	PMT 6			FL6	AF647, AF680, APC, Cy5, eFluor660, HiLyte Fluor 647	RFP657, E2-Crimson	CellTrace Far Red, DRAQ7, LIVE/DEAD Far Red, SYTOX Red, TO-PRO-3
	PMT 7			FL7	APC-AF750, APC-Cy7, APC-eFluor780, APC-H7, APC-Vio770		DRAQ5, DRAQ7, LIVE/DEAD Near-IR, Zombie NIR

Optional Configurations (only changes to default configuration are listed)

GFP-YFP configuration

blue (488 nm)	PMT1	605SP	550/30	FL1		GFP, eGFP	
	PMT2	525LP	510/21	FL2		YFP, Topaz, Venus	

Side population (Hoechst with UV-Laser)

Argon UV (355 nm)	PMT 0	BS95/5 (610LP)	355/15	SSC			Hoechst 33342 (blue fluorescence)
	PMT 1	610 LP	450/20	FL1			Hoechst 33342 (blue fluorescence)
	PMT 2		675LP	FL2			Hoechst 33342 (red fluorescence)

Filter combinations for other fluorochromes or fluorochrome combinations are available upon request.