

# GALLIOS (4 laser - 10 detector) Configuration & Fluorochrome Guide

LASERS	GALLIOS POSITION	DICHROIC	FILTER	RANGE	FLUOROPHORES	PROTEINS	VIABILITY	FIXABLE VIABILITY	OTHER DYES
BLUE 488nm YELLOW 561nm	FL1	550 SP	525/40	505 - 545	FITC, Alexa488	GFP	TO-PRO-1		CFSE
	FL2	595 SP	582/15	575 - 590	PE, Alexa546, Alexa555	DsRed, RFP	PI		
	FL3	655 SP	620/30	605 - 635	ECD, PE-CF594, Alexa568, Alexa594, Alexa610	mCherry*	7-AAD, PI SYTOX AAD		
	FL4	730 SP	695/30	680 - 710	PE-Cy5.5, PE-Cy5, PerCP, PE-Alexa700, PE-eFluor710		7-AAD, PI SYTOX AAD		
	FL5	--	755 LP	> 755	PE-Cy7, PE-Alex750				
RED 633nm	FL6	710 SP	660/20	650 - 670	APC, Alexa633, Alexa647, eFluor660		SYTOX Red	eFluor660	Prolifn dye (eFluor)
	FL7	750 SP	725/20	715 - 735	APC-Alexa-700, Alexa700				
	FL8	--	755 LP	> 755	APC-H7, APC-Cy7, APC-Alexa750, APC-eFluor780			eFluor780, LD near-IR	
VIOLET 405nm	FL9	480 SP	450/40	430 - 470	BV421, V450, Pacific Blue, Alexa405, eFluor450	BFP	DAPI, SYTOX Blue	eFluor780, LD405	Prolifn dye (eFluor, V450)
	FL10	--	525/40	505 - 545	Krome Orange, BV510, V500	CFP		eFluor506	

\*Other Fruits: mBanana, mOrange, mPlum, mRaspberry, mTangerine