

Cytospeia Influx Filter Configurations

Excitation	Violet 406nm				Blue 488nm				Red 635nm	
	FL1 460/50	FL2 550/50	FL3 531/40	FL4 572/27	FL5 610/20	FL6 670/40	FL7 670/40	FL8 714LP		
Emission detector	FL1 460/50	FL2 550/50	FL3 531/40	FL4 572/27	FL5 610/20	FL6 670/40	FL7 670/40	FL8 714LP		
	CFP	YFP-FRET	Fitc	PE	PI (viability)	Drag 5 (DNA)	APC	APC-Cy7		
	Pacific Blue	Pacific Orange	GFP		PeTexas Red (ECD)	Fura Red	Cy5	APC-Alexa 750		
		Qdot 565	YFP		PE-Alexa 610	7-AAD	Alexa 660			
			Alexa 488			PE-Cy5 (Cychrome)	Alexa 680			
			R123			PerCP	Alexa 647			
			Mito Green			PE Alexa 700	Alexa 633			
			Syto 14-18			PerCP-Cy5.5	Drag5			
			Calcein			Fura Red	Mito deep Red			
			CFDA				ToPro3			
			YoPro3				ToTo3			
			Fluo 4							

The Cytospeia has laser and detector cassettes with unique excitation and emissions. Detectors are not shared. Each laser passes through a pinhole with a unique time window. Crosstalk between lasers is virtually impossible.