

# FC500

## Filter and Dye choices

645 DSP: for using with PE **Alexa 610**

Emission detector	FL1 (525nm)	FL2 (575nm)	FL3 (610nm)	FL4 (675nm)		FL5 (775nm)	
Excitation	Blue 488nm			Blue	Red	Blue	Red
	Fitc	PE	PI (viability)	Draq 5 (DNA)	APC	PE-Cy7	APC-Cy7
	GFP		PE-Alexa 610	Fura Red	Cy5	PE-Alexa 700	APC-Alexa 750
	YFP			7-AAD	Alexa 660		
	Alexa 488			PE-Cy5 (Cychrome)	Alexa 680		
	R123			Fura Red	Alexa 647		
	Mito Green				Alexa 633		
	Syto 14-18				Draq5		
	Calcein				Mito deep Red		
	CFDA				ToPro3		
	YoPro3				ToTo3		
	Fluo4						

FL1, FL2 and FL3 are all exclusively blue (488nm) excitable and can be run simultaneously.

FL4 and FL5 can also be used with any of FL1, FL2 and FL3 dyes. However the red detectors (FL4 and FL5) offer choices between blue excitable and red excitable dyes. You can only pick one dye for each detector but it can be either blue or red excitable.

**Brightness: PE > PE-Cy5 tandem > ECD > APC > Fitc > PerCP**