



## FRAEN Fluorochromes

	FRAEN AFTER cassettes	Excitation
	UV	365 nm
	ROYAL BLUE	450 nm
	BLUE	480 nm
	CYAN (on request)	505 nm
	GREEN	535 nm
	YELLOW	590 nm
	RED	630 nm

Fluorochrome	Excitation max (nm)	Emission max (nm)	Fluorochrome	Excitation max (nm)	Emission max (nm)
Aminomethylcoumarin (AMCA)	345	425	Alexa Fluor 532™	531	553
Alexa Fluor 350™	346	442	Propidium Iodid (PI)	536	617
Hoechst 33342	347	483	Rhodamine B	540	625
DAPI	359	461	Ethidium Bromide	545	600
Cascade Blue™	377	420	Rhodamine	550	573
SpectrumAqua	433	480	Cy3	552	568
Mitramycin	450	470	Tetramethylrhodamine (TRITC)	555	576
Acridine Orange, both DNA & RNA	460	530	XRITC	582	601
Auramine	460	550	Spectrum Red	587	612
Sulphorhodamine G Extra	470	570	Alexa Fluor 594™	590	617
sgGFP™ (super glow GFP)	474	509	Texas Red™	595	620
GFP wild type, non-UV excitation (wtGFP)	475	509	Bodipy 630/650-X	625	642
PE-Cy5	488	670	Alexa Fluor 633™	632	650
FITC	490	520	Allophycocyanin (APC)	645	655
Bodipy 492/515	490	515	Alexa Fluor 647™	647	668
Alexa Fluor 488™	495	520	Bodipy 650/665-X	647	665
GFP (S65T)	498	516	Cy5.1 8	649	666
GFP red shifted (rsGFP)	498	516	Cy5™	649	666