

Table of Fluorochromes

This is a table of some characteristics of fluorochromes useful for flow cytometry or fluorescence microscopy. Within groups, roughly in order of excitation wavelength (families excepted). Peak excitation and emission wavelengths often vary depending on the environment in which the probe finds itself. Be sure to also look up the excitation and emission spectra for your dye of choice. Note that colors you might see with a capable browser are only a very rough approximation!

Probe	Ex (nm)	Em (nm)	MW	Notes
Cy Dyes				
Cy2	489	506	714	QY 0.12
Cy3	(512);550	570;(615)	767	QY 0.15
Cy3B	558	572;(620)	658	QY 0.67
Cy3.5	581	594;(640)	1102	QY 0.15
Cy5	(625);650	670	792	QY 0.28
Cy5.5	675	694	1128	QY 0.23
Cy7	743	767	818	QY 0.28