

Modulus™ Multimode Readers

## Fluorescence Optical Kit Guide



Fluorophore/Assay	Excitation* Peak (nm)	Emission* Peak (nm)	Fluorescence Optical Kit		
			Modulus™ Single Tube	Modulus™ Microplate	Modulus™ II Microplate
4-MU	365	460	UV	UV	UV
Baclight™ Live/Dead (Syto 9)	483	503	Blue	Blue	Blue
Baclight™ Live/Dead (Propidium Iodide)	520	617	Green	Green	Green
B-Gal	365	460	UV	UV	UV
Cy3	550	570	Green	Green	Green
Cy5	650	670	Red	Red	Red
CaspACE™	360	460	UV	UV	UV
CyQuant™	480	520	Blue	Blue	Blue
DIFMUP	365	460	UV	UV	UV
EBFP	380	440	GFPUV	**	**
EGFP	490	505	Blue	Blue	Blue
EnzChek™ 9BODIPYFL)	505	513	Blue	Blue	Blue
Ethidium Bromide	518	605	Green	Green	Green
EYFP	488	527	Blue	Blue	Blue
FITC	494	519	Blue	Blue	Blue
Fluorescein	494	519	Blue	Blue	Blue
GFPuv	395	509	GFPUV	**	**
GFPwt	390	509	GFPUV	**	**
Hoechst 33258 Dye	352	461	UV	UV	UV
NADPH	340	460	UV	UV	UV
NanoOrange™	470	570	Blue	Blue	Blue
PicoGreen®	502	523	Blue	Blue	Blue
RFP	558	583	Green	Green	Green
Quant-iT™ DNA High Sensitivity	502	523	Blue	Blue	Blue
Quant-iT™ DNA Protein	470	570	Blue	Blue	Blue
Quant-iT™ RiboGreen® RNA	550	525	Blue	Blue	Blue
Quant-iT™ RNA	644	673	Red	Red	Red
Sytox® Green	485	523	Blue	Blue	Blue

\*The positions of the maxima depend upon the solvent utilized in the measurements; the table is only intended to provide an indication of the wavelength range covered by each fluorophore.

\*\*GFPUV Fluorescence Optical Kit for the Modulus Microplate is currently not available as a catalog item. Please contact us for ordering as a custom kit.

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