

Dye	Excitation wavelength	Emission wavelength	Excitation laser lines (nm)	Fluorescence Channel
Methoxycoumarin	360	410		
DyLight® 405	400	420		
HiLyte Fluor™ 405	404	428		
DyLight® 350	353	432		
Aminocoumarin	350	445		
Pacific blue™	404	456	360,405,407	FL1,FL6
EviTag™ quantum dots-Lake Placid Blue	470	490		
Cy2®	489	506	488	
Chromeo™ 488	488	517		
DyLight® 488	493	518		
Alexa Fluor® 488	495	519	488	FL1,FL3,PM3
FAM	494	519		
Fluorescein Iso-thiocyanate (FITC)	495	519	488	FL1,FL3,PM3
EviTag™ quantum dots-Adirondack Green	505	520		
Chromeo™ 505	505	526		
HiLyte Fluor™ 488	501	527		
EviTag™ quantum dots-Catskill Green	525	540		
Alexa Fluor® 430	434	541		
Alexa Fluor® 532	532	554		
HEX	535	556		
EviTag™ quantum dots-Hops Yellow	545	560		
Chromeo™ 546	545	561		
Cy3®	548	561	488,514	FL2,FL4,PM1
Alexa Fluor® 555	555	565		
HiLyte Fluor™ 555	550	566		
5-TAMRA	541	568		
Alexa Fluor® 546	556	573		
DyLight® 549	562	576		
Phycoerythrin (PE)	496,566	576	488	FL2,FL4,PM1
Tetramethyl Rhodamine Isothiocyanate (TRITC)	557	576		
EviTag™ quantum dots-Birch Yellow	560	580		
Cy3.5®	576	589	568,543	
Rhodamine Red-X	570	590		
PE-Dyomics® 590	488	599		
EviTag™ quantum dots-Fort Orange	585	600		
ROX	575	602		
Alexa Fluor® 568	578	603		
Red 613	480,565	613		
Texas Red®	595	613	568,543,514	
HiLyte Fluor™ 594	593	616		
PE-Texas Red®	566	616		
Alexa Fluor® 594	590	617		
DyLight® 594	593	618		
EviTag™ quantum dots-Maple-Red Orange	600	620		
Chromeo™ 494	494	628		
Alexa Fluor® 633	632	647		
SureLight® APC	652	657		
DyLight® 633	638	658		
Allophycocyanin (APC)	650	660	595,633,635,647	FL4,FL7,FL8
Chromeo™ 642	642	660		
Quantum Red	488	660		
SureLight® P3	614	662		
Alexa Fluor® 647	650	665	595,633,635,647	FL4,FL7,FL8
Cy5®	647	665	633,635	FL4,FL8
PE-Cy5®	565	666	488	FL3,FL4,FL6,PM2
SureLight® P1	545	666		
PE-Alexa Fluor® 647	567	669		
PE-Dyomics® 647	488	672		
DyLight® 649	654	673		
HiLyte Fluor™ 647	650	675		
Peridinin Chlorophyll (PerCP)	477	678	488	FL3,FL4,FL6,PM2
IRDye® 700DX	680	687		
Alexa Fluor® 660	663	690		
PE-Cy5.5®	565	693	488	FL3,FL4,FL6,PM2
APC-Cy5.5®	650	694	595,633,635,647	FL3,FL4,FL7
Cy5.5®	675	694	647	
TruRed	490,675	695		
HiLyte Fluor™ 680	678	699		
Alexa Fluor® 680	679	702		
DyLight® 680	692	712		
APC-Cy7®	650	774	595,633,635,647	FL5,FL8,FL9
Cy7®	753	775		
PE-Dyomics® 747	488	776		
DyLight® 750	752	778		
HiLyte Fluor™ 750	753	778		
PE-Cy7®	566	778	488	FL3,FL5,PM4
IRDye® 800RS	770	786		
DyLight® 800	777	794		
IRDye® 800CW	778	794		