

Fluorescent Dye	Abs	Em	Ext. Coeff.	MW	Alternative to
ATTO 425 [ATTO425]	439	485	45.000	498	Alexa Fluor 425
Alexa Fluor 488 [Alexa488]	495	519	71.000	630	CY2, DY-495, ATTO 495
FAM [FAM]	495	520	83.000	474	CY2, DY-495, ATTO 495
Fluorescein isothiocyanate [FITC]	495	520	73.000	505	CY2, DY-495, ATTO 495
Fluorescein [FLU]	495	520	83.000	504	DY-495, ATTO 495
Fluorescein-dT [FludT]	494	522	75.000	472	DY-495, ATTO 495
ATTO 488 [ATTO488]	500	520	90.000	981	CY2
TET [TET]	521	536	73.000	612	
JOE [JOE]	520	548	73.000	603	
Yakima Yellow [YAKYE]	530	549	84.000	654	VIC
HEX [HEX]	535	556	73.000	681	VIC, SIMA
Cyanine3 [CY3]	552	570	150.000	444	NED
Cyanine3B [CY3B]	559	570	130.000	658	NED
ATTO 550 [ATTO550]	554	576	120.000	791	NED, Rhodamine B
TAMRA [TAM]	544	576	90.000	512 & 612	Rhodamine B, Rhodamine Red
ATTO 565 [ATTO565]	564	590	120.000	708	PET, Alexa Fluor 594
ROX [ROX]	575	602	82.000	633	Alexa Fluor 594
Texas Red [TxRed]	583	603	116.000	818	Alexa Fluor 594
LightCycler 610 [LC610]	590	610	n.a.	761	Alexa Fluor 594
ATTO 594 [ATTO594]	603	626	120.000	1389	
LightCycler 640 [LC640]	625	640	n.a.	825	
Alexa Fluor 647 [Alexa647]	650	665	239.000	957	Cy5, Quasar 670
ATTO 647N [ATTO647N]	646	664	150.000	843	Cy5, Quasar 670
Cyanine5 [CY5]	649	670	250.000	471	Quasar 670, TYE 705
ATTO 655 [ATTO655]	663	680	125.000	625	Quasar 670, TYE 705
Cyanine5.5 [CY55]	675	694	250.000	571	Quasar 670, TYE 705
DY-682 [DY682]	690	709	140.000	906	IRDye 700, Quasar 705
ATTO 700 [ATTO700]	700	716	120.000	665	Cy7, Alexa Fluor 740
DY-782 [DY782]	782	800	170.000	932	IRDye 800