

Spectra Chart of Selected Fluorescent Labels

Fluorescent label	Code	Color	Abs (nm)	Em (nm)	MW (daltons)
DyLight™ 405	46	Violet	400	420	793
Aminomethylcoumarin (AMCA)	15	Violet Blue	353	442	410
ATTO 425	51	Blue	436	484	498
Cy2™	11	Blue Green	489	505	897
DyLight™ 488	41	Blue Green	493	518	1,011
ATTO 488	52	Green	501	523	981
Fluorescein (Fluorescein)	2	Green	495	528	390
ATTO 532	53	Yellow Green	532	553	1081
Cy3™	4	Yellow Green	552	565	949
DyLight™ 549 (550)	42	Yellow Green	550	568	982 (1040)
Rhodamine (TRITC)	0	Orange	550	570	444
R-Phycoerythrin (RPE)	8	Orange	488	575	240,000
ATTO 550	54	Orange	554	576	791
Cy3.5™	12	Orange Red	581	596	1,286
Texas Red®	9	Red	596	620	625
ATTO 594	55	Red	601	627	1389
Allophycocyanin	26	Far-Red	650	660	100,000
Cy5™	10	Far-Red	650	667	975
ATTO 647N	56	Far-Red	644	669	843
DyLight™ 649	43	Far-Red	646	674	1,008
ATTO 655	57	Far-Red	663	684	887
IRDye® 700DX	30	Near Infra-Red	689	700	1,954
Cy5.5™	13	Near Infra-Red	678	703	1,312
DyLight™ 680	44	Near Infra-Red	682	715	950
DyLight™ 800	45	Infra-Red	770	794	1,050
IRDye® 800CW	31	Infra-Red	774	800	1,166
IRDye® 800	32	Infra-Red	778	806	1,166
Alkaline Phosphatase	5		280	N/A	150,000
Horseradish Peroxidase (HRP)	3		403	N/A	42,000
Biotin	6		N/A	N/A	455