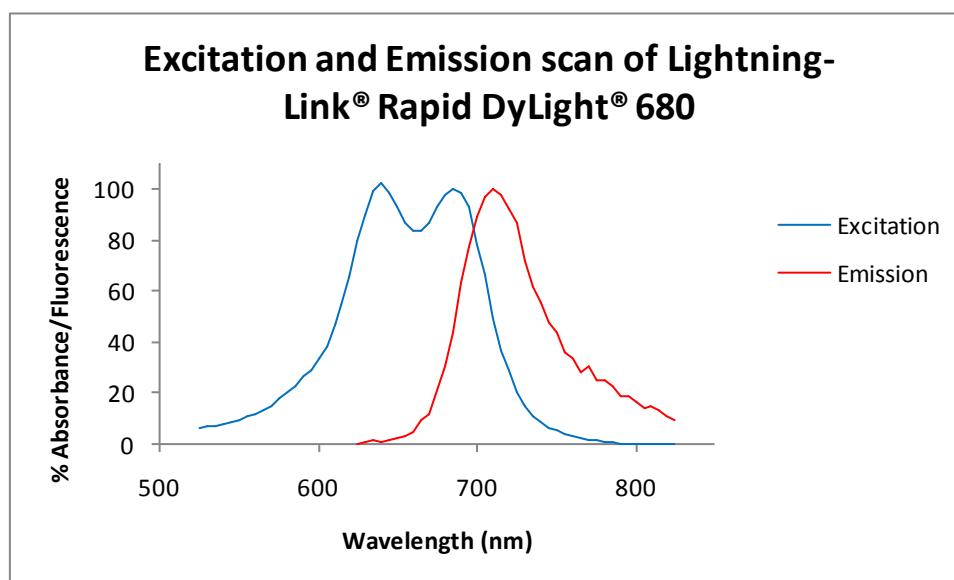


Lightning-Link® Rapid DyLight® 680 Conjugation System Data Sheet

327-0010, 327-0030 and 327-0015

Release 002, December 2011

DyLight® 680 provides red fluorescence for a wide array of fluorescence labeling-based applications. It has a strong absorption at 682nm and 640nm, high fluorescence at 715nm (extinction coefficient $1.4 \times 10^5 \text{ cm}^{-1}\text{M}^{-1}$) and high quantum yield.



Scan performed in TBS pH 8.0

Absorbance Range (nm)	Emission Max (nm)	Extinction Coefficient at 682nm ($\text{cm}^{-1} \text{M}^{-1}$)	Fluorescent Colour	Stokes Shift at 682nm
630-695	715	140000	Red	33

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