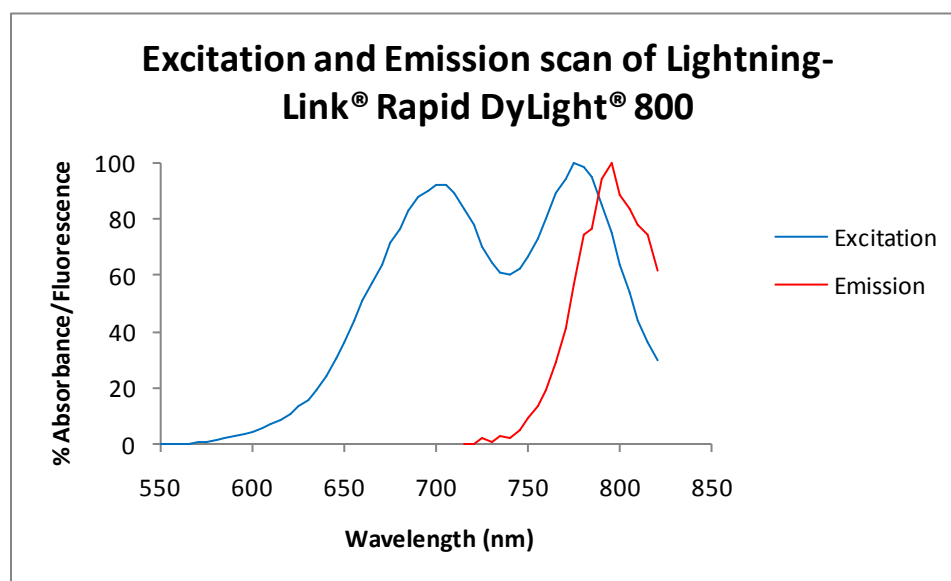


## Lightning-Link® Rapid DyLight® 800 Conjugation System Data Sheet

329-0010, 329-0030 and 329-0015

Release 001, December 2011

**DyLight® 800** provides near infrared fluorescence for an array of fluorescence labeling-based applications. It has a strong absorption at 770nm, high fluorescence at 794nm (extinction coefficient  $2.7 \times 10^5 \text{ cm}^{-1} \text{ M}^{-1}$ ) and high quantum yield.



Scan performed in TBS pH 8.0

Absorbance Max (nm)	Emission Max (nm)	Extinction Coefficient ( $\text{cm}^{-1} \text{ M}^{-1}$ )	Fluorescent Colour	Stokes Shift
770	794	270000	Near Infrared	24

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