



## Lightning-Link™ Cy3 Conjugation Kit Data Sheet

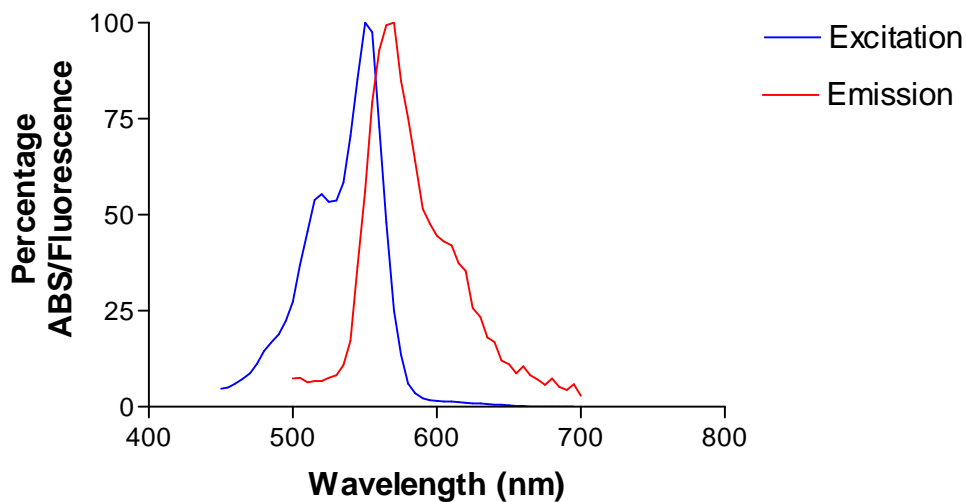
### 780-0010 and 780-0015

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Technical bulletin 7806

Cyanine dyes are commonly used as fluorescent labels for proteins, nucleic acids and small molecules. Cyanine Dye3 (Cy3) has a strong absorption peak at 550nm and a secondary absorption peak at 520nm. The maximum emission peak is at 570nm, with an excitation coefficient of  $1.5 \times 10^5 \text{ cm}^{-1} \text{ M}^{-1}$ .

#### Excitation and Emission Scan of Lightning-Link Cy3



Scan performed in TBS pH 8

Absorbance Max (nm)	Emission Max (nm)	Extinction Coefficient ( $\text{cm}^{-1}\text{M}^{-1}$ )	Fluorescent Colour	Stokes Shift
550	570	150000	Yellow	20