

## Cy5.5 biotin conjugate

Catalog number: 3105  
Unit size: 5 mg

### Product Details

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Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

### Chemical Properties

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Appearance	Solid
Soluble In	Water

### Applications

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This bifunctional Cy5.5 biotin conjugate demonstrates excellent avidin binding and strong fluorescence. It has avidin-binding properties similar to native biotin in terms of high affinity, fast association, and non-cooperative binding to avidin and streptavidin tetramers. Cy5.5 Biotin can be used for detecting and quantifying biotin binding sites of avidin, streptavidin or neutravidin. This reagent overcomes major shortcomings of commonly used Biotin-4-fluorescein, e.g., poor solubility in aqueous media and pH dependent absorbance and emission. Cy5.5 Biotin is a water-soluble reagent and its red fluorescence is pH independent from pH 4 to pH 10.