

**XFD594-streptavidin conjugate \*XFD594**  
**Same Structure to Alexa Fluor™ 594\***Catalog number: 16892  
Unit size: 1 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	Purple solid
Molecular Weight	~52000
Soluble In	Water

**Spectral Properties**

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Excitation Wavelength	590 nm
Emission Wavelength	618 nm

**Applications**

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XFD594 is manufactured by AAT Bioquest, and it has the same chemical structure of Alexa Fluor® 594 (Alexa Fluor® is the trademark of ThermoFisher). The conjugates of streptavidin are commonly used together with a biotin conjugate for specific detection of a variety of proteins, protein motifs, nucleic acids, and other biomolecules in western blots, flow cytometry, imaging and microscopy, and microplate assays. XFD594-streptavidin conjugate is equivalent to Alexa Fluor® 594 streptavidin. The conjugate is comprised of a biotin-binding streptavidin covalently attached to XFD594 dye.