

mFluor™ Violet 500 Biotin Conjugate

Catalog number: 3113
Unit size: 1 mg

Product Details

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

Chemical Properties

Appearance	Solid
Molecular Weight	742.82
Soluble In	DMSO

Spectral Properties

Excitation Wavelength	410 nm
Emission Wavelength	501 nm

Applications

mFluor™ Violet 500 Biotin Conjugate contains mFluor™ Violet 500 fluorophore that is well excited by the common 405 nm violet laser. It has a similar spectrum to BD Horizon™ V500 and demonstrates excellent avidin binding and strong green 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. mFluor™ Violet 500 Biotin Conjugate can be used for detecting avidin, streptavidin or neutravidin conjugates. It is a water-soluble reagent and has pH independent fluorescence from pH 4 to pH 10. The flexible spacer between biotin moiety and fluorescent tag minimizes the steric hindrance involved in binding to avidin, streptavidin or neutravidin.