

**Fluorescein-12-dUTP (Perkin-Elmer) *1 mM
in Tris Buffer (pH 7.5)***Catalog number: 17027
Unit size: 25 nmoles**Product Details**

Storage Conditions	Freeze (<15 °C), Minimize light exposure
Expiration Date	6 months upon receiving

Chemical Properties

Appearance	Liquid
Molecular Weight	1058.61
Soluble In	Water

Spectral Properties

Excitation Wavelength	498 nm
Emission Wavelength	517 nm

Applications

The dye-modified deoxyuridine 5'-triphosphates (such as aminoallyl-dUTP) can be used to produce dye-containing DNA by conventional enzymatic incorporation methods such as reverse transcription, nick translation, random primed labeling, or PCR. This enzymatic fluorescence labeling method is widely used for both FISH probes and microarray-based experiments. This fluorescein-12-dUTP conjugate can be used as a green fluorescence color with Spectrum Green™ filter set (Spectrum Green™ is the trademark of Vysis). It is chemically same to fluorescein-12-dUTP (Perkin Elmer's NEL413001EA).