

Product Information

Cyanine 647-dUTP, Lyophilized powder

Catalog Number 40065

Unit Size 25 nmole

Molecular Weight ~1151

Color and Form Blue Solid

Absorption/Emission 650/670 nm

Storage and Handling

Store Cyanine 647-dUTP at -20°C or -70°C, protected from light. When stored as recommended, product is stable for at least 6 months from date of receipt.

Product Application

Fluorescent conjugates of dUTP can be used for detection of apoptotic cells by direct fluorescence TUNEL labeling of DNA strand breaks in cells¹, and can be used in place of dTTP in standard DNA labeling and synthesis protocols to generate fluorescent dsDNA and oligonucleotide probes.

References

1. Gold et al. (1994). Lab Invest. 71 (2):219-25.
2. Slupphaug et al. (1993). Anal Biochem. 211 (1):164-9.
3. Hogrefe et al. (2002). PNAS 99 (2): 596-601.

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