

Cy3-X-dUTP

Cat. #: M0142 Size: 25 µl

Introduction

Cy3-X-dUTP is supplied as 1 mM solution in TE buffer. The nucleotide is designed for enzymatic non-radioactive labeling of DNA by PCR, nick-translation, cDNA synthesis, random primed labeling, or primer extension. Cy3-X-dUTP can be enzymatically incorporated into DNA with Reverse Transcriptases, Taq DNA Polymerase, phi29 DNA Polymerase, Klenow Fragment, exo-, Klenow Fragment, and DNA Polymerase I. The X linker between Cy3 and dUTP can improve the incorporation efficiency.

Package Information

Component	M0142
Cy3-X-dUTP	25 µl

Storage

Store at -20°C and protect from light.

Specifications

Excitation/Emission (nm): 550/565 nm
Concentration: 1 mM solution in TE buffer

General Characteristics

$\lambda_{\max}=550 \text{ nm}$, $\epsilon=150.0 \times 10^3 \text{ M}^{-1}\text{cm}^{-1}$