

Introduction

LiFluor™ 555-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. LiFluor™ 555-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 Andy Fluor 555 and dUTP can improve the incorporation efficiency.

Package Information

Component	M0081
LiFluor™ 555-X-dUTP	25 µl

Storage

Store at -20°C and protect from light.

Specifications

Excitation/Emission (nm): 500/525 nm

Concentration: 1 mM solution in TE buffer

General Characteristics

$\lambda_{\max}=500 \text{ nm}$, $\epsilon=70.0 \times 10^3 \text{ M}^{-1}\text{cm}^{-1}$ (pH 8.0)