

## Introduction

LiFluor™ 594-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™ 594-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 LiFluor™ 594 and dUTP can improve the incorporation efficiency.

## Package Information

Component	M0085
LiFluor™ 594-X-dUTP	25 µl

## Storage

Store at -20°C and protect from light.

## Specifications

Excitation/Emission (nm): 590/615 nm

Concentration: 1 mM solution in TE buffer

## General Characteristics

$\lambda_{\max}=590 \text{ nm}$ ,  $\epsilon=90.0 \times 10^3 \text{ M}^{-1}\text{cm}^{-1}$