



## 5-FAM-dUTP, lyophilized powder

Catalog Number	Packaging Size
C405B	25 nmol

**Storage upon receipt:** -20°C, protected from light.

### User Manual

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### I. Product Description

5-FAM-dUTP is supplied as lyophilized powder. The nucleotide is designed for enzymatic non-radioactive labeling of DNA by PCR, nick-translation, cDNA synthesis, random primed labeling, or primer extension. 5-FAM-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.

### II. Specifications

Excitation/Emission (nm): 495/518 nm

Concentration: NA

Storage: Store at -20°C

Molecular Formula: C<sub>33</sub>H<sub>27</sub>N<sub>3</sub>Na<sub>3</sub>O<sub>20</sub>P<sub>3</sub>

Molecular Weight: 947.47

### III. General Characteristics

$\lambda_{max}=495 \text{ nm}$ ,  $\epsilon=70.0 \times 10^3 \text{ M}^{-1}\text{cm}^{-1}$  (pH 8.0).

