

Codex™ ddGTP, 10 mM in Water

(Cat #: N145)

Introduction:

Codex™ ddGTP [2',3'-Dideoxyguanosine-5'-triphosphate] is supplied as 10 mM solution in water. It is a dideoxy-nucleotide, acts as a chain-elongating inhibitor or a substrate for DNA polymerase α . The ddGTP is one of the four critical ddNTPs components for performing Sanger sequencing. It is widely used for Sanger method for DNA sequencing.

Applications:

Sanger sequencing for DNA samples.

Table 1: Product Package & Storage

Cat #	Product Name	Volume	Storage
N145	Codex™ ddGTP, 10 mM in Water	100 μ L	Store upon receipt: -20 °C, protect from light.

Specification:

CAS NO.: 68726-28-3

Formula: C₁₀H₁₆N₅O₁₂P₃

Molecular Weight: 491.18

Concentration: 10 mM in water

Purity: \geq 98 % (HPLC)

Storage: Store at -20°C for 1 year

General Characteristics

