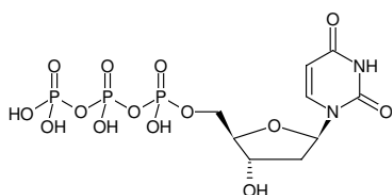


DATA SHEET

**dUTP solution - Sodium salt**

2'-Deoxythymidine-5'-triphosphate - Sodium salt
100 mM

Cat. Nº.	Amount
<input type="checkbox"/> NUC-107S	250 µL
<input checked="" type="checkbox"/> NUC-107M	400 µL
<input type="checkbox"/> NUC-107L	1.000 µL



Structural formula of dUTP - Solution

For in vitro use only!

Shipping:

Shipped on blue ice

Storage Conditions:

Store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible. If stored as recommended, Cellco Biotec guarantees optimal performance of this product for 12 months after date of delivery.

Additional Storage Conditions:

Avoid freeze/thaw cycles

Shelf Life:

12 months

Molecular Formula:

$C_9H_{15}N_2O_{14}P_3$ (free acid)

Molecular Weight:

468,14 g/mol (free acid)

CAS#:

102814-08-4

Purity:

≥ 99 % (HPLC)

Form:

Clear aqueous solution

Concentration:

100-110 mM

pH:

8.5 ± 0.2 (22 °C)

Spectroscopic Properties:

λ_{max} = 262 nm; ϵ = 9.8 mmol⁻¹.cm⁻¹ (Tris-HCl pH 7.0)

Description:

dUTP, PCR-grade is supplied as ultrapure aqueous solution (pH 8.5) and suitable for all molecular biology applications including PCR/qPCR, reverse transcription, DNA labeling and DNA sequencing.

Quality Control Specifications:

18 kb long range RT-PCR (template dilution series): suitable;
Contamination with bacterial or human DNA: not detectable;
Activity of Dnase, Protease or Phosphatase: not detectable.