

Data Sheet (06.08.2010)

dNTP Mix with dUTP

4x 100 mM (dATP, dCTP, dGTP, dUTP)

Cat.-No.	Amount.
mi-N1020L	1000 µl

Only for *in vitro* use!

For research only!

Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Long term storage at -20 °C.

Under these storage conditions, a guarantee of 12 months after delivery is given.

Description

dNTP Mix incl. dUTP is an mixture of 10 mM ultrapure dATP, dCTP, and dGTP, and 20 mM dUTP supplied as clear aqueous solution (pH 8.5).

dUTP can be used in place of dTTP in PCR and RT-PCR protocols to prevent carry-over contaminations from previous amplifications.

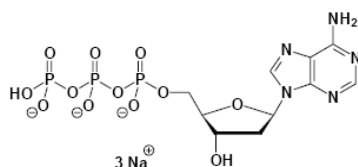
Form: clear aqueous solution, pH 8.5 +/-0.1 (4 °C)

Purity: > 99 %

Quality Control Specifications

Suitable for 4 kb PCR (template dilution series)
Contamination with bacterial and human DNA is not detectable

No activity of DNase, Protease or Phosphatase was detectable

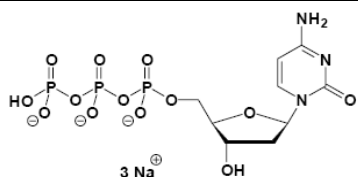


mi-N1001

2'-Deoxy-adenosine-5'-triphosphate, Sodium salt

Molecular formula: C₁₀H₁₃N₅O₁₂P₃ (Anion)

Molecular weight: 488.16 (Anion)

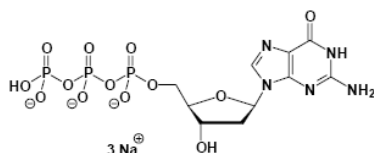


mi-N1002

2'-Deoxy-Cytidine 5'-triphosphate, sodium salt

Molecular formula: C₉H₁₃N₃O₁₃P₃ (Anion)

Molecular weight: 464.13 (Anion)

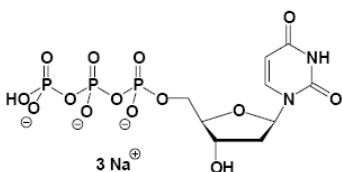


mi-N1003

2'-Deoxy-Guanosine 5'-triphosphate, sodium salt

Molecular formula: C₁₀H₁₃N₅O₁₃P₃ (Anion)

Molecular weight: 504.16 (Anion)



mi-N1008

2'-Deoxy-Uridine 5'-triphosphate, sodium salt

Molecular formula: C₉H₁₂N₂O₁₅P₃ (Anion)

Molecular weight: 481.11 (Anion)