

DATA SHEET

**dNTP Mix / 25 mM**

2'-Deoxyadenosine 5'-triphosphate - sodium salt
 2'-Deoxycytidine 5'-triphosphate - sodium salt
 2'-Deoxyguanosine 5'-triphosphate - sodium salt
 2'-Deoxythymidine 5'-triphosphate - sodium salt

Cat. Nº.	Amount
<input type="checkbox"/> NUC-1015	100 µL
<input type="checkbox"/> NUC-101M	200 µL
<input type="checkbox"/> NUC-101L	1.000 µL
<input type="checkbox"/> NUC-101XL	4 x 1.000 µL

Applications:

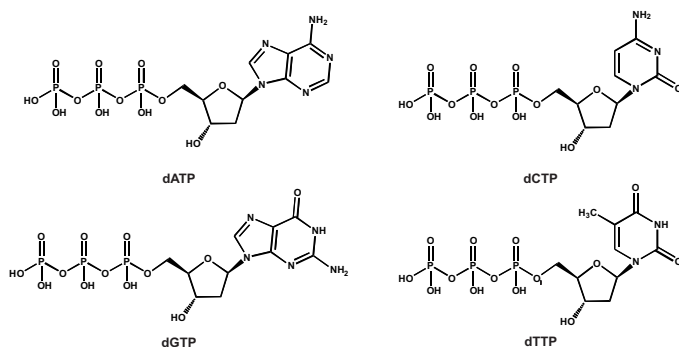
For standard PCR applications a final concentration of 200 µM each dNTP is recommended.

Description:

dNTP Mix is an equimolar mixture of ultrapure dATP, dCTP, dGTP and dTTP supplied as clear aqueous solution (pH 8.5).

Quality Control Specifications:

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



For *in vitro* use only!

Shipping:

Shipped on blue ice

Storage Conditions:

Store at -20 °C

Additional Storage Conditions:

Avoid freeze/thaw cycles

Shelf Life:

12 months

Molecular Formula:

dATP - C₁₀H₁₃N₅O₁₂P₃ (anion)

dCTP - C₉H₁₃N₃O₁₃P₃ (anion)

dGTP - C₁₀H₁₃N₅O₁₃P₃ (anion)

dTTP - C₁₀H₁₄N₂O₁₄P₃ (anion)

Molecular Weight:

dATP - 488.16 g/mol (anion)

dCTP - 464.13 g/mol (anion)

dGTP - 504.16 g/mol (anion)

dTTP - 479.14 g/mol (anion)

Purity:

≥ 99 % (HPLC)

Form:

Clear aqueous solution

pH:

8.5 ± 0.1