



dNTP Set with dUTP (4x100 mM)

Applications of dNTP sets:

- all molecular biology applications
- PCR/qPCR/real-time PCR
- Reverse transcription
- DNA labelling
- DNA sequencing

Description of dNTP set:

dNTP-sets from GeneON have highest PCR Grade and contains four separate tubes of dATP, dCTP, dGTP and dUTP supplied as aqueous solutions at pH 8.5. The dNTP-sets contains ultrapure dNTP's with 100 mM of each nucleotide.

Quality control for dNTP set:

- free of human or bacterial DNA
- 18 kb PCR amplification with 50 pg of template or less
- RT-PCR: 749 bp fragment with 10 pg template or less
- no DNase, RNase or Nicking activities
- tested for Inorganic species

Components of dNTP-sets:

dATP 2'-Deoxyadenosine 5'-triphosphate, sodium salt CAS Number: 1927-31-7 Formula: C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃ (Anion) Molecular weight: 491.18 g*mol ⁻¹ Concentration: 100 mM	dCTP 2'-Deoxycytidine 5'-triphosphate, sodium salt CAS Number: 102783-51-7 Formula: C ₉ H ₁₆ N ₃ O ₁₃ P ₃ (Anion) Molecular weight: 467.15 g*mol ⁻¹ Concentration: 100 mM
dGTP 2'-Deoxyguanosine 5'-triphosphate, sodium salt CAS Number: 93919-41-6 Formula: C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃ (Anion) Molecular weight: 507.18 g*mol ⁻¹ Concentration: 100 mM	dUTP 2'-Deoxyuridine 5'-triphosphate, sodium salt CAS Number: 102814-08-4 Molecular formula: C ₉ H ₁₅ N ₂ O ₁₄ P ₃ (Anion) Molecular weight: 468.14 g*mol ⁻¹ Concentration: 100 mM

Note:

To the best of our knowledge, all substances used in the production process of above stated product lots are not from animal or human sources and do not contain any material of animal or human origin.

Storage: store at - 20°C up to 24 months, short term storage at room temperature is possible

Shipment: with blue ice

Ordering information:

Cat.-no	Description	Amount
110-015S	Set of 4 dNTP's with dUTP instead dTTP	4 x 0.2 ml (100 mM each)
110-015	Set of 4 dNTP's with dUTP instead dTTP	4 x 1.0 ml (100 mM each)
110-015L	Set of 4 dNTP's with dUTP instead dTTP	5 Sets of 4 x 1.0 ml (100 mM each)
110-015XL	Set of 4 dNTP's with dUTP instead dTTP	10 Sets of 4 x 1.0 ml (100 mM each)

GeneON .. a good decision ..

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