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Certificate of Analysis

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100 mM Ultrapure dNTPs Set

Catalog No: 9510

Lot No: See Product Label

Package Size: 200 µl x 4 Tubes

Concentration: 100 mM

Storage Conditions: Store at -20°C

Note: Store the working solution at 4°C

Mix well after thawing

Description

- Supplied in water at pH 8.5
- Ultrapure grade set of dNTPs (deoxynucleotide triphosphates) contains 200 µl of each of the four separate solutions of dATP, dCTP, dGTP and dTTP:

dATP

2'-Deoxyadenosine 5'-Triphosphate, Sodium salt

Molecular Formula: $C_{10}H_{13}N_5O_{12}P_3$ (Anion)

Molecular Weight: 488.16 (Anion)

dCTP

2'-Deoxycytidine 5'-Triphosphate, Sodium salt

Molecular Formula: $C_9H_{13}N_3O_{13}P_3$ (Anion)

Molecular Weight: 464.13 (Anion)

dGTP

2'-Deoxythymidine 5'-Triphosphate, Sodium salt

Molecular Formula: $C_{10}H_{14}N_2O_{14}P_3$ (Anion)

Molecular Weight: 504.16 (Anion)

dTTP

2'-Deoxythymidine 5'-Triphosphate, Sodium salt

Molecular Formula: $C_{10}H_{14}N_2O_{14}P_3$ (Anion)

Molecular Weight: 479.14 (Anion)

Applications

Used in many key procedures such as:

- cDNA Synthesis
- DNA Sequencing
- PCR

Quality Control

- Verified in PCR reactions, mutagenesis, RT-PCR, and reverse transcriptase reactions
- Bacterial and Human DNA free
- RNase, DNase, Protease, and Phosphatase free

For more information or to re-order, please visit www.chimerx.com