

HelixChem™ dNTP(U) Set, 100mM

Kit Contents

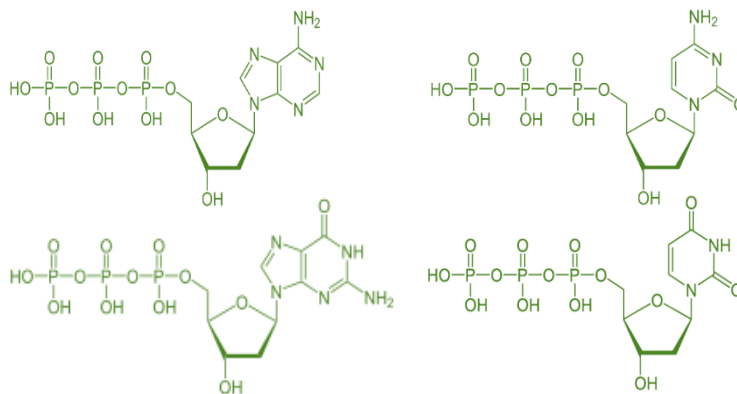
HelixChem™ dNTP(U) Set, 100mM	
Cat. No.	DNUS100
dATP, 100mM	1ml
dCTP, 100mM	1ml
dGTP, 100mM	1ml
dUTP, 100mM	1ml
Instruction for Use	1ea

Description

dNTP set including dUTP consists of each 100mM ultrapure dATP, dCTP, dGTP, and 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.

Feature

- **Structure**



- **Molecular Formula**

dATP : $C_{10}H_{16}N_5O_{12}P_3$ (free acid)

dCTP : $C_9H_{16}N_3O_{13}P_3$ (free acid)

dGTP : $C_{10}H_{16}N_5O_{13}P_3$ (free acid)

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

- **pH**

8.5±0.2 (22°C)

NanoHelix Co., Ltd.

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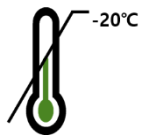
E-mail : info@nanohelix.net <www.nanohelix.net www.nanohelix.net/KOR>

dNTP(U) Set, 100mM

- **Molecular Weight**
 - dATP : 491.18 g/mol (free acid)
 - dCTP : 467.15 g/mol (free acid)
 - dGTP : 507.18 g/mol (free acid)
 - dUTP : 468.14 g/mol (free acid)

- **CAS No.**
 - dATP : 1927-31-7
 - dCTP : 102783-51-7
 - dGTP : 93919-41-6
 - dUTP : 102814-08-4

Storage



Store below -20°C

Shelf life



24 months

Quality Control

In accordance with NanoHelix's ISO 13485-certified Quality Management System, each lot of **HelixChem™ dNTP(U) Set, 100mM** was tested against predetermined specifications to ensure consistent product quality.

Products

Cat. No.	Products	Size
DA100	HelixChem™ dATP, 100mM	1ml
DG100	HelixChem™ dGTP, 100mM	1ml
DC100	HelixChem™ dCTP, 100mM	1ml
DT100	HelixChem™ dTTP, 100mM	1ml
DU100	HelixChem™ dUTP, 100mM	1ml
DN10	HelixChem™ dNTP Mix (each 10mM)	1ml
DNS100	HelixChem™ dNTP Set, 100mM	4ml
DNUS100	HelixChem™ dNTP(U) Set, 100mM	4ml

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