

HelixChem™ dNTP Mix (each 10mM)

Kit Contents

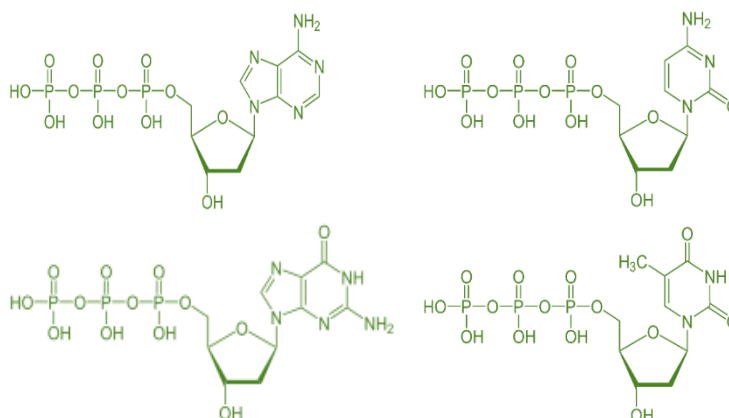
HelixChem™ dNTP Mix (each 10mM)	
Cat. No.	DN10
dNTP Mix (each 10mM)	1ml
Instruction for Use	1ea

Description

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

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)

dTTP : $C_{10}H_{17}N_2O_{14}P_3$ (free acid)

- **Molecular Weight**

dATP : 491.18 g/mol (free acid)

dCTP : 467.15 g/mol (free acid)

dGTP : 507.18 g/mol (free acid)

dTTP : 482.17 g/mol (free acid)

- **pH**

8.5 ± 0.2 (22°C)

NanoHelix Co., Ltd.

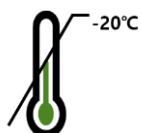
A-dong and B-dong, 43-15, Techno 5-ro, Yuseong-Gu, Daejeon, 34014, Republic of Korea TEL : 82-42-867-9055, FAX : 82-42-867-9057

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

dNTP Mix (each 10mM)

- CAS No.
 - dATP : 1927-31-7
 - dCTP : 102783-51-7
 - dGTP : 93919-41-6
 - dTTP : 18423-43-3

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 Mix (each 10mM)** 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

NanoHelix Co., Ltd.

A-dong and B-dong, 43-15, Techno 5-ro, Yuseong-Gu, Daejeon, 34014, Republic of Korea TEL : 82-42-867-9055, FAX : 82-42-867-9057

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