



HZYMES BIOTECH

*Each Molecule  
Promises Accuracy*

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**dNTP**

HZYMES BIOTECHNOLOGY CO.,LTD

# dNTP

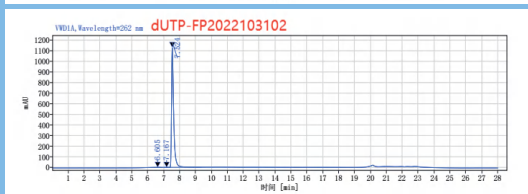
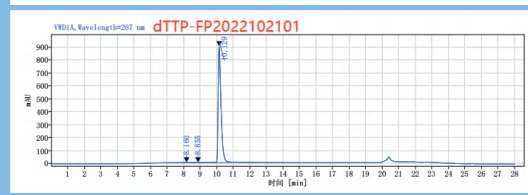
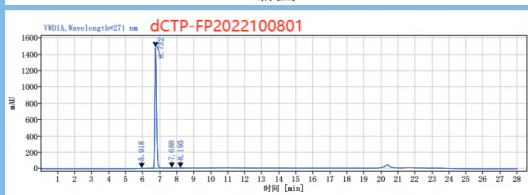
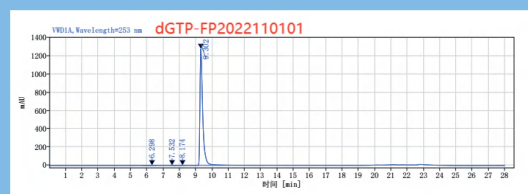
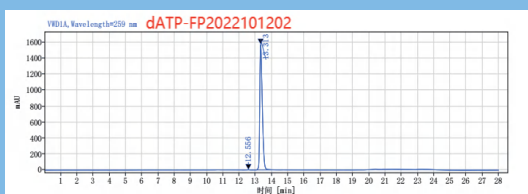
dNTP is one of the most basic raw materials in molecular biology experiments. Hzymes is always considering offering better dNTP, not just with high purity but also with less contamination and better functionality in the down-streaming applications.

Each batch of dNTP from Hzymes has been produced according to GMP guidelines. The established QC method meets the requirements of the United States, Europe, Chinese Pharmacopoeia, and other regulations.

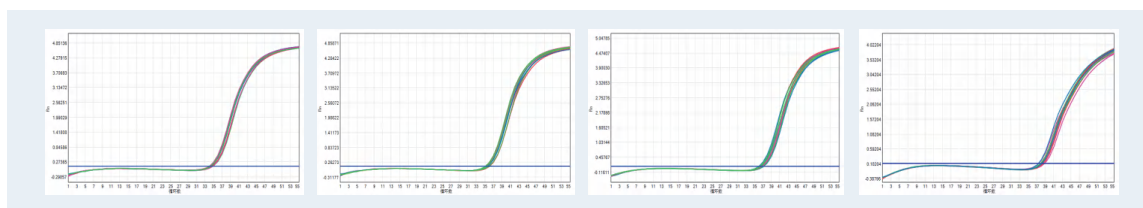
After extensive verification and validation, Hzymes dNTP series products are suitable for various molecular biological applications, including PCR, qPCR, high fidelity PCR, long chain PCR, cDNA synthesis, RT-PCR, RCA, MDA, DNA markers, DNA sequencing, in vitro transcription, siRNA synthesis, RNA amplification, etc. The standard supply form is 100 mM solution, and we can provide solutions with each nucleotide concentration of 2 mM, 10 mM, 25 mM, 100 mM, and 400 mM.

## Advantage

01. Ultra-high purity, with HPLC detection purity greater than 99%
02. Without DNase , RNase, qPCR, PCR and RT inhibitors contamination
03. All components have undergone strict functional quality control, and meet the strict requirements for DNA contamination



Template concentration	CT			
	HH(Green)	A Company(Pink)	B Company(Red)	C Company(Blue)
Dilution $10^3$ times	34.40	34.37(-0.03)	34.44(0.04)	34.25(-0.15)
Dilution $2 \times 10^5$ times	35.49	35.57(0.08)	35.62(0.13)	35.49(0.00)
Dilution $4 \times 10^5$ times	36.55	36.72(0.17)	36.66(0.11)	36.53(-0.02)
Dilution $8 \times 10^5$ times	38.04	38.16(0.12)	38.29(0.25)	37.91(-0.13)
Mean difference values		0.085	0.133	-0.075



## ORDER INFORMATION

HMD2103	dNTP mix (25mM each) UltraPure	25mM
HMD2104	dNTP mix (10mM each) UltraPure	10mM
HMD2602	dUTP(100mM) UltraPure	100mM
HMD2702	dTTP(100mM) UltraPure	100mM
HMD2802	dCTP(100mM) UltraPure	100mM
HMD2902	dGTP(100mM) UltraPure	100mM
HMD3002	dATP(100mM) UltraPure	100mM

## ORDER INFORMATION

HMD2105	dNTP mix (25mM each) mNGS	25mM
HMD2106	dNTP mix (10mM each) mNGS	10mM
HMD2603	dUTP(100mM) mNGS	100mM
HMD2703	dTTP(100mM) mNGS	100mM
HMD2803	dCTP(100mM) mNGS	100mM
HMD2903	dGTP(100mM) mNGS	100mM
HMD3003	dATP(100mM) mNGS	100mM

HMD2604	dUTP(400mM)	400mM
HMD2704	dTTP(400mM)	400mM
HMD2804	dCTP(400mM)	400mM
HMD2904	dGTP(400mM)	400mM
HMD3004	dATP(400mM)	400mM

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Brochure



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