



# High Quality dNTPs And dNTP Mixes, dNTP mix and individual nucleotides

## Description

High Quality (HQ) dNTPs contain equal measures of four dinucleotide triphosphates: dATP, dTTP, dCTP, dGTP in a pH 7.0 solution. HQ dNTP Mix is suitable for PCR amplification using enzyme polymerases such as Pfu and Taq. This mix is used in Allele-In-One 2X PCR MasterMix (available separately as Catalog # ABP-PPMM02965), and provides ample volumes of each nucleotide for easier amplification in long and difficult PCRs, as well as other molecular biology applications.

Allele's high quality dNTPs are stable, long lasting, and maintain the triphosphate group after extensive PCR cycles. They are excellent for frequent use and preserve stability during multiple freeze-thaws. These dNTPs are certified 99% pure and free of contaminants such as other nucleotides and polynucleotide modifying enzymes. All molecular biology applications can be performed using Allele's dNTPs, such as: PCR (simple and real-time PCR as well as long and difficult PCRs), DNA sequencing and primer extension, and RT-PCR and cDNA synthesis.

### Quality Assurance:

*Each batch of reagents is vigorously tested for consistency and stability, and certified 99% pure and free of endonucleases and modifying agents.*

Contact us for custom concentrations.

Website: [www.allelebiotech.com](http://www.allelebiotech.com)  
Call: 1-800-991-RNAi/858-587-6645  
(Pacific Time: 9:00AM~5:00PM)  
Email: [oligo@allelebiotech.com](mailto:oligo@allelebiotech.com)

For Technical Support:  
Email: [FP@allelebiotech.com](mailto:FP@allelebiotech.com)

## Box 1 | Product List

Cat. No.	Quantity
<b>dNTP Mix, 10mM</b>	
ABP-PP-ERDN100	1mL
ABP-PP-ERDN105	5mL
<b>Individual Nucleotides (dATP, 100mM)</b>	
ABP-PP-ERDA100	100uL
ABP-PP-ERDA500	500uL
<b>Individual Nucleotides (dTTP, 100mM)</b>	
ABP-PP-ERDT100	100uL
ABP-PP-ERDT500	500uL
<b>Individual Nucleotides (dCTP, 100mM)</b>	
ABP-PP-ERDC100	100uL
ABP-PP-ERDC500	500uL
<b>Individual Nucleotides (dGTP, 100mM)</b>	
ABP-PP-ERDG100	100uL
ABP-PP-ERDG500	500uL

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## Related Products

- ✧ **Taq DNA Polymerase®**
  - ◆ Consistently outperforms Taq DNA polymerase from well known suppliers.
- ✧ **Custom Oligo Synthesis**
  - ◆ We specialize in very long oligos (e.g., 215 nt) and will ship or deliver our oligos within 24hours. Our oligo synthesis service offers a large variety of synthesis scales, modifications and purifications for our customer's various needs.
- ✧ **All<sup>le</sup>-In-One PCR MasterMix**
  - ◆ Pre-mixed solution containing: Taq DNA polymerase, MgCl<sub>2</sub>, dNTPs, an inhibitor of Taq at low temperatures, and optimal PCR reaction buffers.