

## dNTP Mix

# BioNordika dNTP Mix, 10 mM

## PCR-grade premix of 10 mM dATP, dCTP, dGTP and dTTP

### Description

dNTP Mix, PCR Grade / 10 mM is an equimolar mixture of 10 mM dATP, dCTP, dGTP and dTTP supplied as ultrapure aqueous solution and suitable for all molecular biology applications including PCR/qPCR, reverse transcription, DNA labeling and DNA sequencing.

### Appearance

clear colorless solution

### pH (4°C)

8.5 ± 0.1

### Purity (HPLC area)

dNTP ≥ 99.0%

dNDT ≤ 0.9%

dNMP ≤ 0.5%

### Application for PCR

For standard PCR applications a final concentration of 200 µM each dNTP is recommended.

50 µl PCR assay			
dNTP Mix / 10 mM	0.5 µl	1.0 µl	2.5 µl
final dNTP conc.	100 µM	200 µM	500 µM

For *in vitro* use only

Quality guaranteed for 12 months

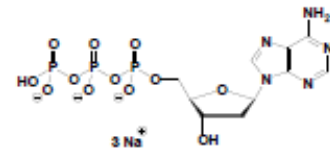
Store at -20°C, short term (up to one week) exposure to ambient temperature possible

### dATP

2'-Deoxyadenosine 5'-triphosphate, sodium salt

Molecular formula: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub> (Anion)

Molecular weight: 488.16 g·mol<sup>-1</sup>

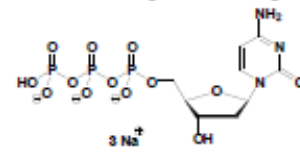


### dCTP

2'-Deoxycytidine 5'-triphosphate, sodium salt

Molecular formula: C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> (Anion)

Molecular weight: 464.13 g·mol<sup>-1</sup>

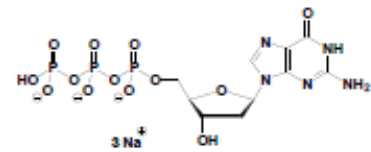


### dGTP

2'-Deoxyguanosine 5'-triphosphate, sodium salt

Molecular formula: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> (Anion)

Molecular weight: 504.16 g·mol<sup>-1</sup>

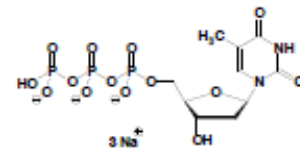


### dTTP

2'-Deoxythymidine 5'-triphosphate, sodium salt

Molecular formula: C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub> (Anion)

Molecular weight: 479.14 g·mol<sup>-1</sup>



### Part number

BN-1006-08

BN-1006-4

### Product

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### Size

4 x 200 µl

5 x 800 µl