



# Fisher Biotec Nucleotides



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*For all your life science requirements*

Fisher Biotec offers a comprehensive range of quality products at competitive prices. We specialise in the manufacture of leading-edge products for Molecular Biology, Genomics and Proteomics research.

## Sets of dNTPs

Fisher Biotec uses dNTPs which are enzymatically synthesised from deoxy nucleotide monophosphates by a process of phosphorylation. The process uses highly specific enzyme systems which eliminate impurities and PCR inhibitors such as modified nucleotides and pyrophosphates.

The dNTPs are then purified with preparative HPLC and are at least 98% pure. They are also functionally tested in a range of assays, including long range and Real Time PCR, to guarantee outstanding results. Several different sized sets are available. Each set consists of one tube of each nucleotide, dATP, dCTP, dGTP, and dTTP in solution as described below. If contamination control is required, sets containing dUTP instead of dTTP are available.

Stable for 12 months when stored at -20°C.

**Applications:** Suitable for all applications including PCR, DNA synthesis, low-copy amplification, and Real-Time PCR.

Catalog No.	Product Description
DN-10-100	Each tube contains 0.1 ml of a 100mM solution of the nucleotide ( 4 x 10µmole)
DN-25-100	Each tube contains 0.25 ml of a 100mM solution of the nucleotide ( 4 x 25µmole)
DN-40	Each tube contains 0.4 ml of a 100mM solution of the nucleotide ( 4 x 40µmole)
DN-100	Each tube contains 1.0 ml of a 100mM solution of the nucleotide ( 4 x 100µmole)

## Ready-to-use dNTP Mixes

Ready-to-use dNTP mixes are designed to save researchers time and minimize the possibility of contamination because of the fewer pipetting steps required.

Ready-to-use dNTP mixes are supplied as an aliquot of an equimolar mix of each nucleotide (dATP, dCTP, dGTP, dTTP) as described below.

Stable for 12 months when stored at -20°C.

**Applications:** Ideally suited for use with DNA polymerases in PCR and in the labelling and sequencing of DNA.

Catalog No.	Product Description
DN-2M	Each tube contains 1 ml of a 2mM equimolar mix of each dNTP
DN-10M	Each tube contains 1 ml of a 10mM equimolar mix of each dNTP
DN-10M-10	Each tube contains 10 x 1ml of 10mM equimolar mix of each dNTP
DN-1M-10	Each tube contains 10 x 1 ml of 1mM equimolar mix of each dNTP

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For more information about our products – free call 1800 066 077