

## dNTP Mix 100 mM

Concentration: 100 mM, 25 mM each



Cat. No.: 500004

A500004

MADE IN DENMARK

-	dNTP Mix 100 mM, 25 mM each
ID No.	6100850
Cap colour	Blue
A500004	2 x 500 µl

### Key Features

- Purity ≥ 99 % by HPLC.
- Ultrapure dNTPs for superior results in PCR and other applications

Ready-to-use molecular grade dNTP solution for use in DNA polymerization, DNA labeling and sequencing processes.

### Recommended Storage and Stability

Long term storage at -20 °C. Product expiry at -20 °C is stated on the label.

Option: Store at +4 °C for up to 6 months.

### Quality Control

The dNTPs are functionally tested with thermostable polymerases and tested for contaminating activities, with no traces of endonuclease activity, nicking activity and exonuclease activity.

### Kit Components

25 mM dATP, 25 mM dCTP, 25 mM dGTP, and 25 mM dTTP in solution, pH 7.0 – 7.5

## Related Products

dNTP Mix - ATP, dCTP, dGTP and dCTP mixed in one tube	Cat. No.
• 100 mM (25 mM each) 2 x 0.5 ml	A500004
• 40 mM (10 mM each) 2 x 0.5 ml	A502004
• 10 mM (2.5 mM each) 2 x 1 ml	A503004
dNTP Set - dATP, dCTP, dGTP and dCTP one tube of each	Cat. No.
• 100 mM each 4 x (1 x 0.25 ml)	A511104
• 100 mM each 4 x (4 x 0.25 ml)	A511107
• 100 mM each 4 x (20 x 0.25 ml)	A511109
• 100 mM each 4 x (2 x 1 ml)	A511120
Single dNTPs	Cat. No.
• dATP 100 mM 1 x 0.25 ml	A521102
• dCTP 100 mM 1 x 0.25 ml	A521202
• dGTP 100 mM 1 x 0.25 ml	A521302
• dTTP 100 mM 1 x 0.25 ml	A521402
• dUTP 100 mM 1 x 0.25 ml	A521502

Loading Buffers and Ladders	Cat. No.
5x Loading Buffer Red *, 5 x 1 ml	A608104
PCR DNA Ladder **, 100 – 3000 bp, 1 x 0.5 ml	A610341

\* Also available with Blue, Orange or Cyan. \*\* Available in different size ranges.

PCR Grade Water	Cat. No.
6 x 5 ml	A360056

Taq Polymerase (500 units) *	Cat. No.
Taq DNA Polymerase 5 U/µl	A110003
• with 10x Ammonium Buffer	A111103

Hot Start Polymerase (500 units) *	Cat. No.
TEMPase Hot Start DNA Polymerase, 5 U/µl	A220003
• with 10x Ammonium Buffer	A221103

\*Available in kits including one or two buffers (Ammonium Buffer, Standard Buffer or Combination Buffer). \*\*AccuPOL only available in kits with Ammonium Buffer. All kits include extra 25 mM MgCl<sub>2</sub>.

Taq Master Mixes (500 x 50 µl reactions) *	Cat. No.
2x Master Mix, 1.5 mM MgCl <sub>2</sub> final concentration	A140303
2x Master Mix RED, 1.5 mM MgCl <sub>2</sub> final concentration	A180303

TEMPase Hot Start Master Mixes (500 x 50 µl reactions) *	Cat. No.
2x Master Mix A**, 1.5 mM MgCl <sub>2</sub> final concentration	A230303
2x Master Mix A**BLUE, 1.5 mM MgCl <sub>2</sub> final concentration	A290403

\*Master mixes available also in 1.1x variants as well as 2 mM MgCl<sub>2</sub> variants, \*\*Mix A is Ammonium Buffer based, also available as Mix C based on Combination Buffer.

For Research Use Only. Not for use in diagnostics procedures.

Other product sizes, combinations and customized solutions are available. Please look at [www.ampliqon.com](http://www.ampliqon.com) or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

Issued 08/2021