

## dNTP Set

Concentration: 100 mM each



A511107

Cat. No.: 511107

MADE IN DENMARK

-	dATP	dCTP	dGTP	dTTP
<b>ID No.</b>	5100910	5100920	5100930	5100940
<b>Cap colour</b>	Red	Blue	Purple	White
<b>A511107</b>	4 x 250 µl	4 x 250 µl	4 x 250 µl	4 x 250 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 for contaminating activities, with no traces of endonuclease activity, nicking activity, exonuclease activity.

### Kit Components

#### dATP

100 mM dATP in solution, pH 7.0 – 7.5

#### dCTP

100 mM dCTP in solution, pH 7.0 – 7.5

#### dGTP

100 mM dGTP in solution, pH 7.0 – 7.5

#### dTTP

100 mM dTTP in solution, pH 7.0 – 7.5

## Related Products

<b>dNTP Mix - ATP, dCTP, dGTP and dTTP mixed in one tube</b>	<b>Cat. No.</b>
• 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
<b>dNTP Set - dATP, dCTP, dGTP and dTTP one tube of each</b>	<b>Cat. No.</b>
• 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
<b>Single dNTPs</b>	<b>Cat. No.</b>
• 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

<b>Loading Buffers and Ladders</b>	<b>Cat. No.</b>
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.

<b>PCR Grade Water</b>	<b>Cat. No.</b>
6 x 5 ml	A360056

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

<b>Hot Start Polymerase (500 units) *</b>	<b>Cat. No.</b>
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>.

<b>Taq Master Mixes (500 x 50 µl reactions) *</b>	<b>Cat. No.</b>
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

<b>TEMPase Hot Start Master Mixes (500 x 50 µl reactions) *</b>	<b>Cat. No.</b>
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

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