

dNTP Mix 10 mM

Concentration: 10 mM, 2.5 mM each



Cat. No.: 503005

A503005

MADE IN DENMARK

| | |
|------------|-----------------------------|
| - | dNTP Mix 10 mM, 2.5 mM each |
| ID No. | 6100800 |
| Cap colour | Yellow |
| A503005 | 5 x 1000 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

2.5 mM dATP, 2.5 mM dCTP, 2.5 mM dGTP, and 2.5 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 MgCl₂.

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

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

*Master mixes available also in 1.1x variants as well as 2 mM MgCl₂ 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 or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

Issued 08/2021