

dCTP – Single dNTP

Concentration: 100 mM

Cat. No.: 521202



-	dCTP 100 mM
ID No.	5100920
Cap colour	Blue
Content	1 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 tested for contaminating activities, with no traces of endonuclease activity, nicking activity and exonuclease activity.

Kit Components

dCTP

100mM dCTP 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