

dNTP Set

dATP, dCTP, dGTP, dTTP

Conc. 100 mM



Cat. No.: 733-1855 (100 µmol each)

Cat. No.	Size each	dATP	dCTP	dGTP	dTTP
ID No. Cap colour	-	5100910 Red	5100920 Blue	5100930 Purple	5100940 White
733-1364	25 µmol	1 x 250 µl	1 x 250 µl	1 x 250 µl	1 x 250 µl
733-1855	100 µmol	4 x 250 µl	4 x 250 µl	4 x 250 µl	4 x 250 µl

Store at -20 °C

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

General Description

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

Features

High purity: >99 % by HPLC.
Supplied in solution at pH 7.0 – 7.5.

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 trace of endonuclease activity, nicking activity, exonuclease activity.

Related Products

Description	Cat. No.
VWR Taq DNA Polymerase	
VWR Glycerol Free Taq DNA Polymerase (1000 units) with 10x Key Buffer with 10x Extra Buffer	733-1817
VWR Taq DNA Polymerase (500 units) with 10x Key Buffer with 10x Extra Buffer	733-1301
VWR Taq DNA Polymerase (500 units) with 10x Extra Buffer (Mg ²⁺ -free and Triton-free)	733-1304
VWR Taq DNA Polymerase (1000 units) with 10x Key Buffer (Tween-free) with 10x Extra Buffer (Triton-free)	733-1307
VWR Taq DNA Polymerase (500 units) with 10x Key Buffer (Mg ²⁺ -free)	733-1311
VWR Red Taq DNA Polymerase (2500 units) with 10x Key Buffer with 10x Extra Buffer	733-1323
VWR Taq DNA Polymerase Master Mix*	
VWR Taq DNA Pol. 1.1x Master Mix, 1.5 mM MgCl ₂ final conc. (2500 reactions)	733-1314
VWR Taq DNA Pol. 2x Master Mix, 1.5 mM MgCl ₂ final conc. (2500 reactions)	733-1316
VWR Red Taq DNA Pol. 1.1x Master Mix, 1.5 mM MgCl ₂ final conc. (2500 reactions)	733-1318
VWR Red Taq DNA Pol. 2x Master Mix, 1.5 mM MgCl ₂ final conc. (2500 reactions)	733-1320
VWR TEMPase Hot Start DNA Polymerase	
VWR TEMPase Hot Start DNA Polymerase (500 units) with 10x Key Buffer with 10x Combination Buffer	733-1331
VWR Glycerol Free TEMPase DNA Polymerase (500 units) with 10x Key Buffer	733-2555
VWR TEMPase Hot Start Master Mix**	
VWR TEMPase Hot Start 2x Master Mix K, 1.5 mM MgCl ₂ final conc. (2500 reactions)	733-2582
VWR Blue TEMPase Hot Start 2x Master Mix K, 1.5 mM MgCl ₂ final conc. (2500 reactions)	733-2585
VWR Multiplex Master Mix	
VWR Multiplex 2x Master Mix, (2500 reactions)	733-2569
VWR High Fidelity DNA Polymerase	
VWR AccuPOL DNA Polymerase (250 units) with 10x Key Buffer	733-1324
VWR AccuPOL DNA Polymerase (250 units) with 10x Key Buffer (Mg ²⁺ free and Tween free)	733-1328
VWR PCR accessories	
Betaine Enhancer Solution 5 M, 5 ml (500 reactions)	733-1361
dNTP Mix, 40 mM (10 mM of each dATP, dCTP, dGTP & dTTP) (40 µmol, 2x 500 µl)	733-1363
dNTP Set, 100 mM of each dATP, dCTP, dGTP & dTTP (4x 25 µmol, 4x 250 µl)	733-1364
VWR PCR grade water (6 x 5 ml)	733-2573
VWR Loading Buffer Red (5 x 1 ml) – available in 4 different colors	733-2574

*Also available with 2 mM MgCl₂

**Also available as 2x Master Mix C based on Combination Buffer

Tween® 20 is a registered trademark of ICI Americas, Inc.