



- Supplied as a ready-to-use 40 mM mix or a set of 4 separate 100 mM solutions
- Free of impurities and inhibitors that reduce sensitivity and yield
- No nuclease, protease or nickase activity
- >99% pure, purified by HPLC
- 24-month shelf life

PR1MA™ dNTP's are purified by HPLC in a strict process that results in greater than 99% purity. The stringent purification process eliminates PCR inhibitors such as tetraphosphates and pyrophosphates that can interfere with the sensitivity of your PCR and reduce yields.

The 40 mM dNTP Mix is a single tube that contains premixed dNTPs at a concentration of 10 mM each. The 100 mM dNTP Set contains four individual tubes, one each of dATP, dCTP, dGTP and dTTP. The nucleotides are supplied in ultra-pure water as an ammonium salt. Both the set and mix are stable for 24 months when stored at -20°C.

Extensive quality control testing is performed to ensure the dNTPs are free of nuclease, protease and nickase activity. Each lot is performance tested in standard PCR, long PCR and qPCR reactions to assess reproducibility and sensitivity.

The 40 mM dNTP Mix is a single tube that contains premixed dNTPs at a concentration of 10 mM

ORDERING INFORMATION

ITEM #	DESCRIPTION	QUANTITY
PR3040-M-2	40 mM dNTP Mix	10 mM/5 µmol each, 1 mL
PR3040-M-8	40 mM dNTP Mix	10 mM/20 µmol each, 4 mL
PR3101-S-1	100 mM dNTP set dATP, dCTP, dGTP, dTTP	250 µL/25 µmol each
PR3101-S-4	100 mM dNTP set dATP, dCTP, dGTP, dTTP	1 mL/100 µmol each
PR3101-S-20	100 mM dNTP set dATP, dCTP, dGTP, dTTP	20 x 250 µL/25 µmol each