

## x-VITA™ dNTP Mix

DNTP-040-001

### Description

The x-VITA™ dNTP Mix is a solution containing each dNTP (dATP, dCTP, dGTP, dTTP) mixed at a final concentration of 40 mM in total.

Purity: > 99% confirmed by HPLC.

- ✓ Not contamination with bacterial or human DNA
- ✓ No detectable activity of DNase, protease or phosphatase

### Applications

For use in all molecular biology applications, including PCR, real-time PCR, high fidelity and long PCR, cDNA synthesis, RT-PCR and DNA sequencing.

The synthesis of a complementary DNA/cDNA strand by enzymatic polymerization of deoxynucleotide triphosphates (dNTPs) is the basic principle of DNA amplification, sequencing and cDNA synthesis techniques.

### Storage

Store at -20°C. Short-term (up to one week) exposure to ambient temperature is possible.

### Product use limitation

This product is developed, designed and sold exclusively for research purposes and use only. The product is not intended for diagnostics or drug development, nor is it suitable for administration to humans or animals.