

T4 DNA Ligase

CERTIFICATE OF ANALYSIS

#EN11 T4 DNA Ligase
Quantity: 15 U, 500 U, 2500 U
Components: T4 DNA Ligase L. 686771
10x Ligation Buffer L. 755672
ATP Solution (25 mM) L.796572
Batch Number: 686771
Expiry Date: 12.2019
Store at: -20°C

Description: T4 DNA Ligase is an ATP-dependent recombinant enzyme isolated from *Escherichia coli* strain used to clone DNA. T4 DNA Ligase catalyzes the formation of a phosphodiester bond between juxtaposed 5'-phosphate and 3'-hydroxyl termini in duplex DNA or RNA. It will join both blunt-ended and cohesive-ended restriction fragments of DNA, as well as repair single-stranded nicks in duplex DNA, RNA or DNA/RNA hybrids.

QUALITY CONTROL

The product was tested in ligation of *Hind*III-cut lambda DNA with a different amounts of enzyme. The product is free of unspecific DNA nucleases.

Quality authorized by: Justyna Leibner-Ciszak

Date: 06.02.2018

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PRODUCT USE LIMITATION

This product of Blirt S.A. has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

WARRANTY TERMS

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