



85315

T4 DNA Ligase VLC (20CEU/mcl or 0.1 Weiss Unit/mcl)

Part E

Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Colourless
Appearance (Clarity)	Clear
Activity	Enzyme is tested in ligation of Lambda DNA digests at 16°C within one hour.

Other Information

Description

T4 DNA ligase is a polypeptide that catalyzes the formation of phosphodiester bonds between adjacent 3'-hydroxyl and 5'- phosphate termini in DNA. The enzyme is active on double-stranded DNA, nicked DNA and RNA substrates.

Applications

Joins DNA molecules with compatible cohesive termini.
Joins blunt-ended double stranded DNA molecules to one another or to synthetic linkers.
Gene cloning - recombination of vector and insert

10000 U (CEU):
T4 DNA Ligase VLC - 500 ?l
10X Ligation Buffer - 1.0 ml

Includes

40000 U(CEU):
T4 DNA Ligase VLC - 2000 ?l
10X Ligation Buffer - 4 X 1.0 ml

General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
10000 Units (CEU)	38229090 (GST 12%)
40000 Units (CEU)	38229090 (GST 12%)

Available Packages

10000 Units

Disclaimer

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