

# Glycerol-Free T4 DNA Ligase (HC)

For R&D or further manufacturing use only

Cat No.: MDX200  
Storage Conditions: -20 °C  
Lot number: RD122K

## Test Parameters

Analysis	Specification	Result
Functionality	T4 DNA Ligase activity is measured in a unit determination assay against a reference.  <u>Pass criteria:</u>  Activity must be 3300 U/μL ± 20%	Passed
Purity	Purity determined by protein electrophoresis.	>95%
Nuclease contamination	Incubation of 1000 units of T4 DNA Ligase with HindIII-digested λ DNA or supercoiled pUC19 DNA for 16 hours at 37°C. Test samples must appear with no additional bands visible on an agarose gel.	Passed

Authorised by William Ferreira  
R&D Team Leader



**UNITED KINGDOM**  
Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

**USA**  
Tel: +1 901 382 8716  
Fax: +1 901 382 0027

**GERMANY**  
Tel: +49 (0)337 168 1229  
Fax: +49 (0)337 168 1244

**AUSTRALIA**  
Tel: +61 (0)2 9209 4180  
Fax: +61 (0)2 9209 4763

**FRANCE**  
Tel: +33 (0)1 42 56 04 40  
Fax: +33 (0)9 70 06 62 10