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Datasheet for MB-106-0500

DNA Ligase T4

Overview

Description:	DNA Ligase T4 Molecular Biology Grade - MB-106-0500
Item No.:	MB-106-0500
Size:	500 Units

Product Details

Synonyms:	DNA Ligase T4
Reagent Type:	DNA

Target Details

Relevant Links:	• MB-106 SDS

Application Details

Application Note:	One unit will catalyze the exchange of one nanomole 32-P from pyrophosphate into a Norit-absorbable compound in 20 minutes at 37° C (Weiss, B., et al., JBC 243, 4543 (1968). 50 mM Tris-HCl, 10 mM MgCl2, 10 mM DTT, 1 mM ATP, pH 7.5 @ 25°C.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	DOE: June 2026

Formulation

Physical State:	Liquid
Concentration:	6 weiss units/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.

Disclaimer

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