

Datasheet for ABIN5706729

DNA Ligase T4

Overview

Quantity: 500 units

Product Details

Purpose: DNA Ligase T4

Biological Activity Comment: 6.0 units/ μ L

Unit Definition: 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).

Application Details

Application Notes: Application Note: 50 mM Tris-HCl, 10 mM MgCl₂, 10 mM DTT, 1 mM ATP, pH 7.5 @ 25 °C.

Comment: Synonyms: DNA Ligase T4

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Buffer: See application note.

Storage: -20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)