

DOMINIQUE DUTSCHER SAS

Ready-To-Go T4 DNA Ligase

Catalyzes the formation of a phosphodiester bond between the 5′-phosphoryl and the 3′-hydroxyl group of two double-stranded DNA fragments.

Overview

Ready-To-Go T4 DNA Ligase catalyzes the formation of a phosphodiester bond between the 5′-phosphoryl group and the 3′-hydroxyl group of two double-stranded DNA fragments.

- Covalently-linking DNA fragments takes only 30 minutes.
- Single-dose, ambient temperature stable reaction mixes.

Ready-To-Go T4 DNA Ligase includes self-circularization of linear DNA prior to transformation, ligation of insert to vector, and ligation of synthetic linkers to blunt-ended DNA.

Adenosine triphosphate (ATP) is required for this reaction. Ligation of blunt-ended DNA is greatly stimulated by polyethylene glycol.

Product specifications
Ready-To-Go T4 DNA Ligase, 50 reaction beads

Catalog code	27036101