

### 5-min DNA Ligation Kit

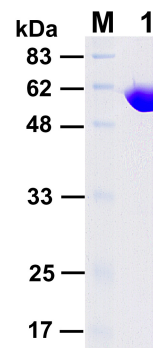
Catalog #	Size	Price
10	100 ligations/kit	\$100

The kit includes purified T4 DNA ligase and 10X reaction buffer.

#### Description

T4 DNA ligase catalyzes DNA ligation between double-stranded DNA ends with 3' hydroxyl and 5' phosphate termini. The DNA ends can be either blunt or cohesive. DNA nicks are also ligated. Ligation requires ATP, which is contained in the supplied ligation buffer.

The 5-min ligation kit was developed by Enzymax. Only 5 min incubation at room temperature is sufficient for routine DNA cloning. The kit can also be used for overnight DNA ligation at 16°C. Just mix your DNA with the supplied buffer and T4 ligase, incubate for 5 min at room temperature, and transform *E. coli* competent cells. It is done! It is that simple.



#### Purified T4 DNA ligase.

The enzyme (1.7 µg) was analyzed by electrophoresis on a 10% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers (lane M) are indicated on the left.