

User Manual

Version 3.0

Product name: *Taq* DNA Ligase

Cat #: TDL-100, TDL-200, TDL-OEM, B-TAD10

Description:

Taq DNA Ligase catalyzes the formation of a phosphodiester bond in duplex DNA containing adjacent 5'-phosphoryl and 3'-hydroxyl termini, using NAD⁺ as a cofactor.

Protocol:

DNA	X (up to 1 µg of DNA)
10X <i>Taq</i> DNA Ligase Reaction Buffer	5 µl
<i>Taq</i> DNA Ligase	2 µl (80 units)
H ₂ O	X (up to a total of 50 µl reaction)

Incubate at 45°C for 15 minutes.