

Ligation of DNA-fragments

Aim of the Experiment

This method can be used to link DNA fragments and connect the target gene to the linearized vector by the reaction with enzyme.

Materials

- CEII Buffer (5×)
- ExnasII
- DNA fragments of interest

Table

Material	Content
Linearized plasmid	150-200ng
Objective gene	10-20ng
5×CEIIBuffer	4 μL
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ExnasII	2 μL
ddH ₂ O to 20 μL	

Procedure

1. Prepare reaction mixture in the ice according to table 1.
2. After reaction at 37 °C for 30 min, it was cooled on ice.