O.D.260 Inc
BETTER TOOLS, BETTER SCIENCE

Cosmid Construction Kit-3

The Cosmid Construction Kit -3 contains most of the reagents necessary to construct AdenoQuick2.0 cosmids via electroporation:

- The SfiI restriction enzyme is used to digest the 4 shuttle plasmids before ligating them to each other.
- OD101 electro-competent cells are used to construct and amplify adenovirus cosmid DNAs.
- The outgrowth medium is used to culture the cells immediately after the electric shock.
- The Amp/Kan antibiotic mix will be used to select for colonies containing the adenovirus cosmid.

The reagents that the user needs to provide are:

- T4 DNA ligase
- LB Lennox (liquid and petri dishes)

The SfiI restriction enzyme must be stored at - 20 ºC. The electro-competent cells must be stored at - 70 ºC.



Info Sheet

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