Foregene EndoFree Plasmid Maxi Kit

——Glass cellulose membrane efficiently and specifically binds plasmid DNA

Description

The EndoFree Maxi Plasmid Kit adopts a unique silica membrane adsorption technique to efficiently and specifically bind plasmid DNA. By combining the special Endotoxin Removal Buffer P4 and EndoFree Maxi Filtration Columns, endotoxin, proteins and other impurities can be effectively removed. The whole extraction process takes only 1 hour, ensuring the convenient and quick operation. The plasmid DNA extracted by this kit can be applied to various routine operations, including enzymatic digestion, PCR, sequencing, ligation, transformation as well as the transfection for various cell types.

Recommended bacteria amount for each practice: For high-copy plasmid, it is recommended to use 100 ml of bacteria culture media, and the yield from which is generally around 500-1500 μg. For low-copy plasmid, 200 ml bacteria culture media is recommended to generate around 200-600 μg plasmids.

Features

- Fast and high-yield: 200 μg-1.5 mg plasmids can be extracted in about 1 hour, and there are many supercoiled plasmids.
- Efficient transfection: suitable for advanced transfection experiments of most cell lines.
- Wide range of applications: suitable for routine experiments such as restriction digestion, PCR, sequencing, connection, transformation,etc.

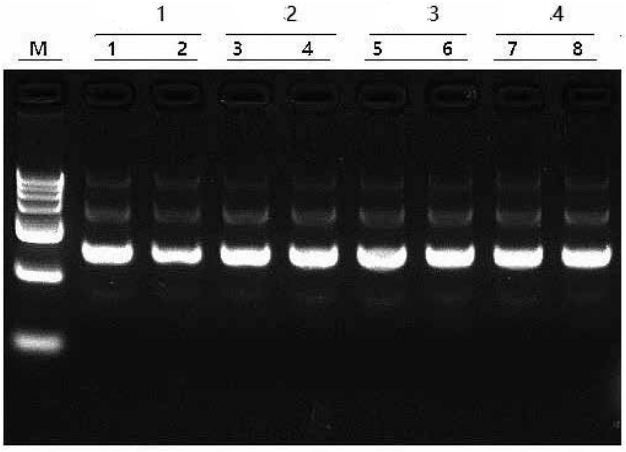
Application

This kit can be used for various routine operations, including enzyme digestion, PCR, sequencing, ligation, transformation, library screening, in vitro translation, and transfection of some routine passaged cells.

Storage

RNase A is shipped at room temperature and stored at (2-8)° C upon receipt; other components are stored in a dry condition at (15-25)° C for 12 months.

Case



Experimental material: Escherichia coli bacteria liquid
Experimental method: Use FOREGENENE D909 kit to extract E. coli plasmid DNA with an initial volume of 200mL. 100μL Buffer EB was eluted and detected by agarose gel electrophoresis. The results are as above.

Specification

Cat.No.	Specification
DMO-005E-D909-E	10 Preps