

General Plasmid Mini Kit



PRODUCT INTRODUCTION



FOREGENE

General Plasmid Mini Kit

Complete the test within 30 minutes

The FOREGENE'S nucleic acid extraction and purification series products can be extracted and purified to high-quality nucleic acids from a variety of sources and complex component samples. The DNA extraction series products are based on DNA-Only silica membrane purification columns and unique formula reagents that can purify high-quality DNA from a variety of samples.

The General Plasmid Mini Kit uses DNA-Only purification column technology and an efficient SDS lysis formula to obtain high-quality plasmid DNA from bacteria within 20 minutes. The DNA-Only silica gel membrane used in the spin column is a unique new material of FOREGENE, which can adsorb DNA efficiently and specifically, and remove RNA, impurity proteins, ions and other organic compounds in cells to the greatest extent. The maximum binding capacity of plasmid DNA of DNA-Only purification column is 60µg DNA. The amount of plasmid DNA actually extracted is related to the volume of the bacterial solution, the number of plasmid copies (high copy, low copy), strains, culture conditions and other factors.



Foregene Co., Ltd.

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General Plasmid Mini Kit

50 Preps, 200 Preps



Product components

- ◆ Buffer S1, Buffer S2
- ◆ Buffer PW, Buffer WB2, Buffer EB
- ◆ DNA-Only Column
- ◆ Instructions

Ordering information

Product Name	Ref No.	Specifications	Description
General Plasmid Mini Kit	50T	DE-01001	Quickly purify high-quality plasmid DNA from transformed bacteria for routine molecular biology experiments such as transformation and enzyme digestion.

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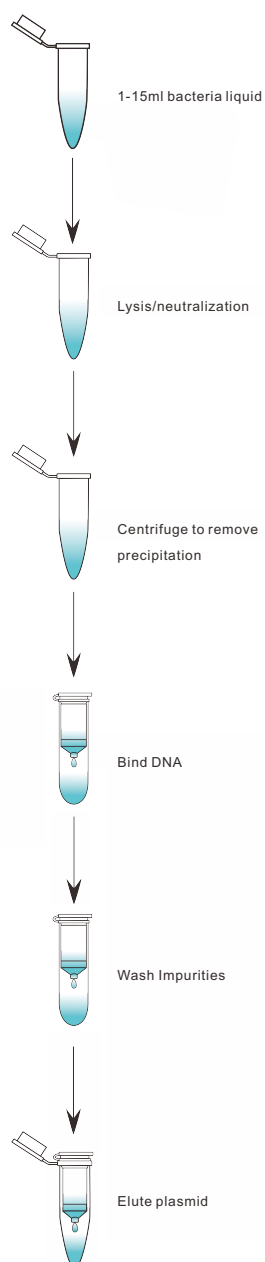
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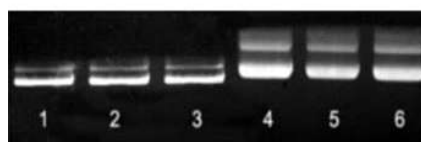


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Operation process



*Diagram



Electrophoresis chart of the Kit extraction plasmid DNA

1-3:pET28α
4-6:pcDNA3.1

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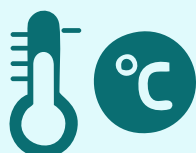


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Features&advantages

- △ Remove RNA without adding RNase
- △ Convenient-centrifugation is at room temperature, no need for 4℃ low temperature centrifugation or ethanol precipitation of DNA
- △ Fast-the operation can be completed in 20 minutes
- △ Safe-no organic reagent extraction required
- △ High purity-OD260/280≈1.7-1.9

Preservation conditions



-This kit can be stored for 12 months under dry conditions at room temperature (15-25°C); if it needs to be stored for a longer time, it can be stored in 2-8°C.

Product application

*General Plasmid Mini Kit :

The plasmid DNA purified by the universal plasmid extraction kit has high purity and can be used for routine molecular biology operations, such as: transformation, restriction enzyme digestion, PCR, library construction, transfection (transfection of subculture cells), sequencing (it is recommended to use ddH₂O to elute plasmids DNA).

COMPANY PROFILE



FOREGENE

Foregene is specialized in the IVD kits and the lab reagents products ,which is integrated in R&D, manufacturing and marketing together. Foregene has the world's leading Direct PCR platform. The main products include various IVD kits, nucleic acid purification reagents, PCR and Direct PCR reagents, Genotyping kits, etc. The technology and product performance indicators used are all leading the world status, widely applied in hospitals, institutions, medical laboratories, etc.

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