Thermo Scientific GeneJET Plasmid Miniprep Kit

K0502, K0503

Note. All steps should be carried out at room temperature. All centrifugations should be carried out in a microcentrifuge at ≥ 12 000 x g (10 000-14 000 rpm, depending on the rotor type).

Harvest bacteria. Harvest the bacterial culture by centrifugation at 8000 rpm (6800 x g) in a microcentrifuge for 2 minutes at room temperature. Decant the supernatant and remove all remaining medium.

1 Ressuspend Cells, Lyse and Neutralize

Add to the pelleted cells:
- 250 µL of **Resuspension Solution** and vortex.
- 250 µL of **Lysis Solution** and invert the tube 4-6 times.
- 350 µL of **Neutralization Solution** and invert the tube 4-6 times.

Centrifuge 5 minutes.

2 Bind DNA

Transfer the supernatant to the **Thermo Scientific GeneJET Spin Column**.
Centrifuge 1 minute.

3 Wash the column

Add 500 µL of **Wash Solution** and centrifuge for 30-60 s. } × 2 times
Discard the flow-through.
Centrifuge empty column for 1 minute.

4 Elute purified DNA

Transfer the column into a new tube.
Add 50 µL of **Elution Buffer** to the column and incubate 2 minutes.
Centrifuge 2 minutes.
Collect the flow-through.

thermoscientific.com/onebio

Technical Support
North America:
TS.molbio@thermofisher.com

Europe and Asia:
TS.molbio.eu@thermofisher.com

Thermo SCIENTIFIC
Part of Thermo Fisher Scientific