C) Plasmid Maxi-Prep from *E.coli* overnight culture*

**Source**

200 mL culture

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**Cell pelleting**

Harvesting bacterial cells (pelleting cells):

> 1,000–10,000 x g at 4 °C for 10 min.

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**Mix!**

Resuspension

TE-buffer

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**Mix!**

Lysis

SDS+ NaOH

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**Mix!**

Neutralization

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**Transfer**

Transfer the sample to a fresh spin-column and place it to a fresh centrifuge tube

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**Pipetting**

in SpinColumn

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**Washing**

2,000 x g for 1 min.

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**Elution**

2,000 x g for 5 min.

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**Purified**

plasmid DNA

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**Centrifugation types**

Benchtop centrifuges (Microcentrifuges)

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**Additional requirements**

> Aerosol tightness to avoid contaminations

> Temperature control

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**Rotor types**

Fixed-angle rotors

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*Commercial Kit protocol

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