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🌐 Plasmid Isolation: Miniprep (Protocol for GeneJET Plasmid Miniprep Kit)

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Protocol status: Working
We use this protocol and it's working

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PROTOCOL integer ID:
27996

MATERIALS

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GeneJET Plasmid Miniprep Kit **Thermo Fisher Catalog #K0502**

- 1 Centrifuge overnight culture at 4700rpm for 5 minutes and discard the supernatant.

- 2** Add 250 μ L Resuspension solution and resuspend the cells in this. Transfer the mix to an Eppendorf tube.
- 3** Add 250 μ L Lysis solution and invert the tube 4-6 times.
- 4** Add 350 μ L Neutralization solution and invert the tube 4-6 times.
- 5** Centrifuge for 5 minutes and transfer the supernatant to a GeneJET spin column tube.
- 6** Centrifuge for 1 minute. Empty the flowthrough and place the column back in the collection tube.
- 7** Add 500 μ L Wash buffer and centrifuge for 1 minute. Discard the flowthrough and place the column back.
- 8** Repeat step 7.
- 9** Centrifuge for an additional minute to remove all residual ethanol. Place the column in a fresh Eppendorf.
- 10** Add 25-50 μ L of either Elution buffer or MilliQ to the column and incubate at room temperature for

1 minute.

- 11** Centrifuge the column for 1 minute.
- 12** Discard the column and store the purified DNA in -20°C.