GALENVS

magnetic

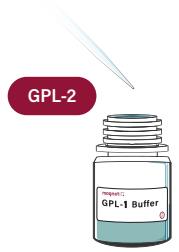
Quick Plasmid Miniprep Kit

Quick Start Guide

1 Add 40µl of GPL-2 Buffer to the GPL-1 Buffer.

Ensure the GPL-1 Buffer is mixed well by vortexing the tube a few times.

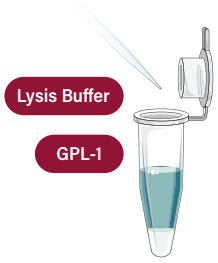
ⓘ The unused mixture should be kept at 4°C for storage.



2 Pellet 1–2ml of bacterial cell sample.

Resuspend bacterial pellet in 360µl of Lysis Buffer, then add 40µl of GPL-1 Buffer.

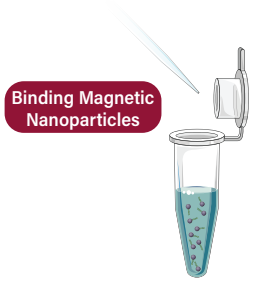
Incubate for 5 mins at room temperature.



3 Add 40µl of Binding Magnetic Nanoparticles.

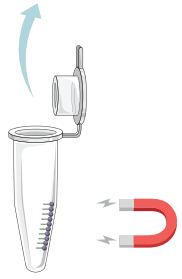
Mix well by pipetting up-down (5–10x) until solution is homogenous.

Incubate for 2 mins at room temperature.



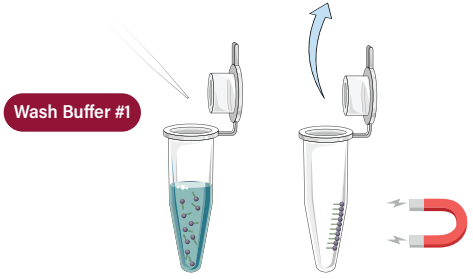
4 Place tube on magnetic rack to capture.

Wait 1 min then discard supernatant.



5 Remove tube from magnetic rack and resuspend in 600µl of Wash Buffer #1, and mix well by pipetting up-down (5–10x) until solution is homogenous.

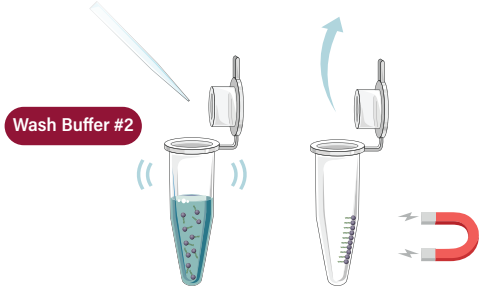
Return to magnetic rack for 1–2 mins, then discard supernatant.



6 Repeat wash with 600µl of Wash Buffer #2.

Place tube on magnetic rack to capture.

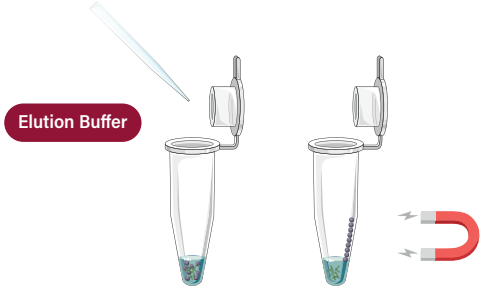
Wait 1 min then discard supernatant, and leave to dry for 2 mins.



7 Add 100µl of Elution Buffer to tube and mix well by pipetting up-down (10–15x) until solution is homogeneous.

Incubate for 5 mins.

Place tube on magnetic rack for 1 min.



8 Transfer pure plasmid supernatant to a clean microfuge tube.