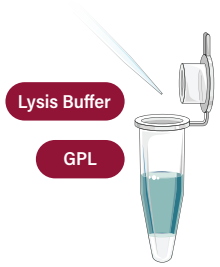
GALENVS

magnetiQ

Quick Plasmid Miniprep Kit

Quick Start Guide

1. Pellet 1–3ml of bacterial cell sample. Resuspend bacterial pellet in 860µl of Lysis Buffer, then add 40µl of GPL Buffer.



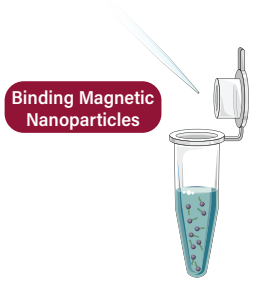
2. Mix gently by pipetting up-down until solution is homogenous.

   Incubate for 5 mins at 37°C.

3. Add 40µl of Binding Magnetic Nanoparticles.

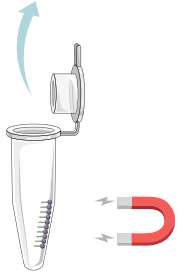
   Mix well by pipetting up-down (5–10x) until solution is homogenous.

   Incubate for 2 mins at room temperature.



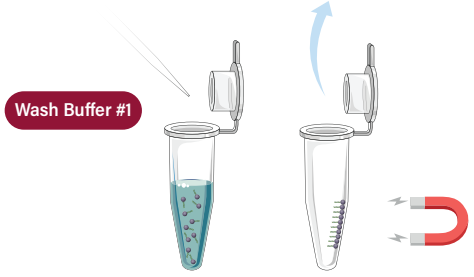
4. Place tube on magnetic rack to capture.

   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.

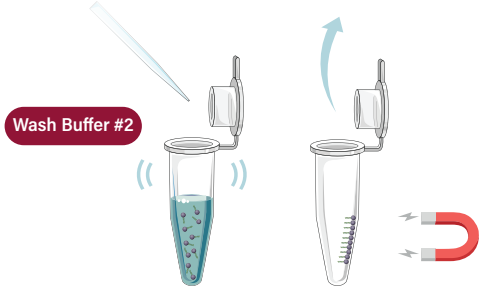
   Return to magnetic rack for 1–2 mins, then discard supernatant.



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

   Place tube on magnetic rack to capture.

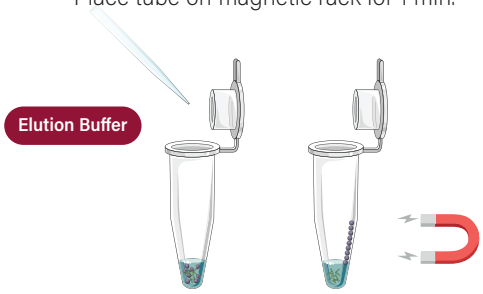
   Wait 1 min then discard supernatant, and leave to dry for 2 mins.



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. For increased yield, incubate at 60°C.

   Place tube on magnetic rack for 1 min.



8. Transfer pure plasmid DNA supernatant to a clean microfuge tube.