ApexPrep DNA Plasmid Miniprep Kit (50 Tests)

Please add 200 μL RNase A to Buffer A1 before use, then store Buffer A1 at 2-8°C.

Please add 48 mL ethanol to Buffer AP before use.

1. Inoculate 1-5 mL of LB medium with selected antibody added with one single colony, culture at 37°C overnight with vigorous shaking.

2. Collect cells by centrifuging at 3000g for 5 minutes. Discard supernatant and keep the pellet.

3. Resuspend pellet in 250 μL Buffer A1. Transfer the mixture to a 1.5 mL microcentrifuge tube.

4. Add 250 μL Buffer A2 to the mixture. Invert 4-6 times to mix well.

5. Add 350 μL Buffer A3 to the mixture. Invert 4-6 times to mix well.

6. Centrifuge at 10,000g for 10 minutes. Insert a spin column to a collection tube. Transfer supernatant to the spin column and discard pellet.

7. Centrifuge spin column with collection tube for 30 seconds. **Transfer flow through to the spin column and centrifuge again.**

8. Add 750 μL Buffer AP to the column and spin for 30 seconds. Discard flow through.

9. Centrifuge for another minute to remove all residue buffer.

10. Transfer the spin column to a clean 1.5 mL microcentrifuge tube. Add 30 μL Buffer AE to the center of the membrane. Let it stand for 1 minute.

11. Centrifuge for 30 seconds and collect flow through. This is your eluted plasmid DNA.