

Product Name: ApexPrep DNA Plasmid Miniprep Kit

Catalog No.: A5001

Description:

DNA Miniprep Protocol Using a Microcentrifuge

1. Inoculate 1-5 ml LB medium (selective antibiotic added) with a single colony, incubate with vigorous shaking at 37 °C overnight.
2. Harvest bacteria by centrifuging at >6000rpm for 5 min. Remove supernatant and keep pellet.
3. Resuspend bacterial pellet with 250µl Buffer P1 and transfer to a fresh microcentrifuge tube.
4. Add 250µl Buffer P2 and mix gently by inverting 5-6 times at room temperature.
5. Add 350µl Buffer P3 and mix gently by inverting 5-6 times. Spin down at 12000rpm for 10 min to remove bacterial/protein debris. Transfer supernatant to a spin column.
6. Centrifugation at 6000 rpm for 1 min. Discard flow-through.
7. (Optional), wash spin column with 0.5 ml Buffer PB; centrifuge at 6000 rpm for 1 min, and discard flow-through.
8. Wash spin column with 0.75 ml Buffer PE; centrifuge at 6000 rpm for 1 min, and discard flow-through.
9. Centrifuge at 12000rpm for an additional 1 min to remove residual wash buffer.
10. To elute DNA, place the column in a clean 1.5 ml collection tube. Add 50 µl Buffer EB to the center of the membrane, let stand for 1 min, and centrifuge at 12000rpm for 1 min to collect eluted DNA.

Return Policy:

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