

DNeasy® PowerClean® Pro Cleanup Kit

The DNeasy PowerClean Cleanup Kit can be stored at room temperature (15–25°C) until the expiry date printed on the box label.

Further information

- Safety Data Sheets: www.qiagen.com/safety
- Technical assistance: support.qiagen.com

Notes before starting

- Shake to mix Solution SB.
 - Wear gloves at all times.
1. Add up to 100 µl of DNA sample to a clean 2 ml collection tube (provided). If there is less than 100 µl of sample, adjust volume with deionized or PCR-grade water.
 2. Add 50 µl of Solution CU and vortex briefly to mix.
 3. Add 50 µl of Solution IR and vortex briefly to mix.
 4. Centrifuge tubes at 13,000 x g for 2 min at room temperature.
 5. Taking care to avoid the pellet, transfer the entire volume of supernatant to a clean 2 ml collection tube (provided).
Note: Expect 160–190 µl of supernatant.
 6. Shake to mix Solution SB. Add 400 µl of Solution SB and vortex briefly to mix.
 7. Centrifuge tubes briefly to remove any solution from the cap.
 8. Load up to 600 µl onto an MB Spin Column and centrifuge at 10,000 x g for 1 min at room temperature. Discard the flow through.



9. Add 500 µl of Solution CB to the MB Spin Column and centrifuge at 10,000 x g for 30 s at room temperature. Discard the flow through.
10. Repeat Step 9 and then proceed to Step 11.
11. Centrifuge the MB Spin Column at maximum speed for 2 min at room temperature.
12. Carefully place the MB Spin Column in new 2 ml collection tube (provided). Avoid splashing any Solution CB onto the MB Spin Column.
13. Add 50–100 µl of Solution EB (depending on starting volume of DNA sample) to the center of the white filter membrane. Incubate for 1 min at room temperature.
Note: For efficient elution, use a **minimum** of 50 µl of Solution EB, irrespective of starting sample volume. By reducing elution volume, it may be possible to obtain more concentrated DNA.
14. Centrifuge at 10,000 x g for 1 min at room temperature.
15. Discard the MB Spin Column. The DNA is now ready for downstream applications.
Note: We recommend storing DNA frozen (–20° to –80°C) as Solution EB does not contain EDTA.