

QIAprep[®] Spin M13 Kit

The QIAprep Spin M13 Kit (cat. no. 27704) can be stored at room temperature (15–25°C) for up to 12 months.

For more information, please refer to the *QIAprep M13 Handbook*, which can be found at www.qiagen.com/handbooks.

For technical assistance, please call toll-free 00800-22-44-6000, or find regional phone numbers at www.qiagen.com/contact.

Notes before starting

- Add ethanol (96–100%) to Buffer PE before use (see bottle label for volume).
1. Grow an infected M13 culture.
 2. Centrifuge bacterial cells at 5000 rpm for 15 min at room temperature (15–25°C).
 3. Transfer the supernatant containing M13 bacteriophage to a fresh reaction tube.
 4. **Optional:** Repeat the centrifugation step.
 5. Add 1/100 volume Buffer MP for M13 precipitation (i.e., 10 µl per 1 ml phage supernatant). Mix by vortexing and incubate at room temperature for at least 2 min.
 6. Place a QIAprep spin column in a 2 ml microcentrifuge tube and apply 0.7 ml sample to the QIAprep spin column.
 7. Centrifuge for 15 s at 8000 rpm and discard flow-through from collection tube.
 8. Repeat the loading and centrifugation (steps 6 and 7) until all of the sample has been loaded onto the QIAprep spin column.

9. To enable M13 lysis and binding, add 0.7 ml Buffer PB to the QIAprep spin column and centrifuge for 15 s at 8000 rpm.
10. Add another 0.7 ml volume Buffer PB to the QIAprep spin column, and incubate for 1 min at room temperature to lyse bacteriophages completely. Centrifuge for 15 s at 8000 rpm.
11. Add 0.7 ml Buffer PE and centrifuge for 15 s at 8000 rpm.
12. Discard Buffer PE from the collection tube. Centrifuge the QIAprep spin column for 15 s at 8000 rpm to remove residual Buffer PE.
13. Place the QIAprep spin column in a clean 1.5 ml microcentrifuge tube. To elute DNA, add 100 μ l Buffer EB to the center of the column membrane, incubate for 10 min, and centrifuge for 30 s at 8000 rpm.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual.

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