January 2019

Quick-Start Protocol

DirectPrep® 96 Miniprep Kit

The DirectPrep 96 Miniprep Kit (cat. no. 27361) can be stored at room temperature (15–25°C) for up to 6 months if not otherwise stated on label.

Further information

- *DirectPrep 96 Miniprep Handbook*: **www.qiagen.com/HB-1161**
- Safety Data Sheets: **www.qiagen.com/safety**
- Technical assistance: **support.qiagen.com**

Notes before starting

- Add the provided RNase A solution to Buffer P1, mix and store at 2–8°C.

1. Assemble the vacuum manifold. Add 100 µl Buffer EB to each well of the DirectPrep 96 Plate. Unused wells of the DirectPrep 96 Plate should be sealed with tape. Apply vacuum (–650 to –800 mbar) until buffer has passed through.
2. Resuspend bacterial pellets in the wells of an S-block in 150 µl Buffer P1.
3. Add 150 µl Buffer P2 to each sample. Seal block with a tape sheet and gently invert the block 6 times to mix. Incubate for 3 min at room temperature. Do not vortex.
4. Remove the tape from the block and add 150 µl Buffer DP3 to each well. Completely dry the block with a paper towel, and then tightly seal the block with a new tape sheet. Mix thoroughly by inverting the block 6 times.
5. Remove the tape from the block. Add 300 µl isopropanol to each well. Completely and thoroughly dry the block and seal tightly with a new tape sheet. Mix by inverting the block 1–2 times.
6. Remove the tape from the block. Pipet the lysates from step 5 into the wells of the DirectPrep 96 Plate. Apply vacuum (–650 to –800 mbar) until all samples have passed through.

7. Switch off the vacuum and ventilate the vacuum manifold slowly. Add 0.75 ml Buffer PE to each well and apply vacuum (–650 to –800 mbar) until buffer has passed through.
8. Repeat step 7.
9. After Buffer PE has been drawn through all wells, apply maximum vacuum for an additional 10 min to dry the membrane.
10. Switch off the vacuum and ventilate the vacuum manifold slowly. Remove the DirectPrep 96 Plate together with the top plate from the base. Vigorously tap the top plate on a stack of absorbent paper. Blot the nozzles of the DirectPrep 96 Plate with clean absorbent paper until no droplets remain.
11. To elute DNA using Elution Microtubes RS provided in DirectPrep Miniprep Kits (recommended), replace the waste tray with the elution microtube adapter. Place the racked elution microtubes directly onto the adapter. Place the top plate with the DirectPrep 96 Plate back on the base, making sure that the DirectPrep 96 Plate is positioned securely.

    For elution in microplates (not recommended), replace waste tray with microplate adapter. Place a 96-well microplate directly onto the adapter. Place the top plate with the DirectPrep 96 Plate back on the base, making sure that the DirectPrep 96 Plate is positioned securely.
12. Pipet 75 µl Buffer EB onto the center of each well of the DirectPrep 96 Plate. Incubate for 1 min, and then apply vacuum (–550 to –650 mbar) for 1 min. Switch off vacuum and ventilate the vacuum manifold slowly.

Revision History

Document	Changes	Date
HB-1162-004	Replaced flat-bottom blocks with S-blocks.	January 2019

Scan QR code for handbook.

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