Quick-Start Protocol November 2016

RNeasy® PowerSoil® DNA Elution Kit

The RNeasy PowerSoil DNA Elution 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

- Wear RNase- and DNase-free gloves at all times.
- Remove RNases and DNases from work surfaces before starting.

1. Transfer the RNA Capture Column from step 16 of the RNeasy PowerSoil Total RNA Kit (cat. no. 12866-25) to a 15 ml collection tube (provided).
2. Add 1 ml of Solution SR8 to the RNA Capture Column to elute the bound DNA into the 15 ml collection tube. Allow Solution SR8 to gravity flow into the collection tube.
3. Transfer the eluted DNA to a 2.2 ml collection tube (provided) and add 1 ml of Solution SR4. Invert at least once to mix and incubate at –15° to –30°C for 10 min.
4. Centrifuge the 2.2 ml collection tube at 13,000 x *g* for 15 min at room temperature to pellet the DNA.
5. Decant the supernatant and invert the 2.2 ml collection tube onto a paper towel for 10 min to air dry the DNA pellet.
6. Resuspend the DNA pellet in 100 µl of Solution SR7.
   Note: Although RNA carryover does not occur with most soil types, certain soils high in organic matter may present unique carryover situations. When the absence of RNA contamination is critical, an RNase treatment of the isolated DNA is recommended; please refer to the Troubleshooting Guide in the Handbook for instructions.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. Trademarks: QIAGEN®, Sample to Insight®, RNeasy®, PowerSoil® (QIAGEN Group). 1104494 11/2016 HB-2216-001 © 2016 QIAGEN, all rights reserved.