# GeneRead™ rRNA Depletion Nano Kit, Part 2

The RNeasy® MinElute® Cleanup Kit is supplied with the GeneRead rRNA Depletion Nano Kit. Store RNeasy MinElute spin columns immediately upon receipt at 2–8°C. The remaining components of the RNeasy MinElute Cleanup Kit should be stored at room temperature (15–25°C) under dry conditions. All components of the RNeasy MinElute Cleanup Kit are stable for at least 9 months under these conditions. Refer to part 1 of the protocol for information on storage of the components of the GeneRead rRNA Depletion Nano Kit.

**Further information**

- *GeneRead rRNA Depletion Handbook*: www.qiagen.com/handbooks
- Safety Data Sheets: www.qiagen.com/safety
- Technical assistance: toll-free 00800-22-44-6000, or www.qiagen.com/contact

**Notes before starting**

- This protocol is for the cleanup of depleted RNA with the RNeasy MinElute Cleanup Kit, which is supplied with the GeneRead rRNA Depletion Nano Kit.
- Add 4 volumes of ethanol (96–100%) to Buffer RPE for a working solution.
- Buffer RLT may form a precipitate during storage. If necessary, redissolve by warming, and then place at room temperature (15–25°C).

1. Add 350 µl Buffer RLT to the RNA sample and mix well.
2. Add 250 µl of 96–100% ethanol to the diluted RNA and mix well by pipetting. Do not centrifuge. Proceed immediately to step 3.
3. Transfer the sample to an RNeasy MinElute spin column placed in a 2 ml collection tube (supplied). Close the lid gently, and centrifuge for 15 s at ≥8000 x *g* (≥10,000 rpm). Discard the flow-through.

**April 2014**

4. Place the RNeasy MinElute spin column in a new 2 ml collection tube (supplied). Add 500 µl Buffer RPE to the spin column. Close the lid gently, and centrifuge for 15 s at ≥8000 x *g* (≥10,000 rpm) to wash the spin column membrane. Discard the flow-through.

5. Add 500 µl of 80% ethanol to the RNeasy MinElute spin column. Close the lid gently, and centrifuge for 2 min at ≥8000 x *g* (≥10,000 rpm) to wash the spin column membrane. Discard the flow-through and collection tube.

6. Place the RNeasy MinElute spin column in a new 2 ml collection tube (supplied). Open the lid of the spin column, and centrifuge at full speed for 5 min to dry the membrane. Discard the flow-through and collection tube.

7. Place the RNeasy MinElute spin column in a new 1.5 ml collection tube (supplied). Add 14 µl RNase-free water directly to the center of the spin column membrane. Close the lid gently, and centrifuge for 1 min at full speed to elute the RNA.