

RNeasy[®] 96 BioRobot[®] 8000 Kit

The RNeasy 96 BioRobot 8000 Kit (cat. no. 967152) can be stored at room temperature (15–25°C) for up to 9 months if not otherwise stated on label.

Further information

- *RNeasy 96 BioRobot 8000 Handbook*: www.qiagen.com/HB-1282
- Safety Data Sheets: www.qiagen.com/safety
- Technical assistance: support.qiagen.com

Notes before starting

- For more information, including optional DNase treatment, and general handling advice, refer to the handbook.
- If necessary, warm Buffer RLT to 37°C to redissolve any precipitates.
- When purifying RNA from cells containing high amounts of RNases, it may be necessary to add β-mercaptoethanol (β-ME) to Buffer RLT to avoid degradation of RNA. Add 10 μl β-ME per 1 ml Buffer RLT. Dispense in a fume hood and wear appropriate protective clothing. Buffer RLT containing β-ME can be stored at room temperature (15–25°C) for up to 1 month. In most cases, it will not be necessary to add β-ME to Buffer RLT.
- Buffer RLT and Buffer RW1 contain a guanidine salt and are therefore not compatible with disinfecting reagents containing bleach.
- All steps of the procedure should be performed at room temperature. Avoid any interruptions.
- Add 4 volumes of ethanol (96–100%) to Buffer RPE concentrate.
- Equilibrate all buffers to room temperature. If carrying out optional on-plate DNase digestion, prepare the DNase I incubation mix as described in the handbook.

1. If cells have been stored at a lower temperature, equilibrate them to room temperature (15–25°C).
2. Make sure that the BioRobot workstation is switched on.
3. Switch on the computer and monitor.
4. Launch the QIAsoft Operating System.
5. Select **RNeasy 96 Total RNA** from the protocol selection box.

This protocol is for RNA purification only. If you want to perform RNA purification and RT-PCR setup in the same run on the BioRobot Gene Expression — Real-Time RT-PCR or BioRobot 8000, select **RNeasy 96 RxSetup** from the protocol selection box.

6. Click to start the protocol. Follow the steps detailed in each protocol message before proceeding to the next protocol message.
7. At the end of the protocol, follow the protocol messages which guide you through the steps to clean up the BioRobot workstation. If reusing Buffer RW1 and Buffer RPE in a subsequent run, be sure to close the bottles.

Use the elution microtube caps (caps for strips) provided to seal the microtubes for storage. Store RNA at –20°C or at –70°C.

8. Be sure to perform daily, weekly, monthly and annual maintenance of the BioRobot workstation.



Scan QR code for handbook.

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

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