

# DNeasy *mericon*<sup>®</sup> 96 QIAcube HT Kit, Part 1

Store DNeasy 96 plates and all buffers at room temperature (15–25°C). QIAGEN<sup>®</sup> Proteinase K is stable for at least 1 year after delivery when stored at room temperature if not otherwise stated on label. For storage for >1 year, or if ambient temperatures often exceed 25°C, store QIAGEN Proteinase K solution at 2–8°C.

## Further information

- *DNeasy mericon 96 QIAcube HT Handbook*: [www.qiagen.com/HB-1592](http://www.qiagen.com/HB-1592)
- Safety Data Sheets: [www.qiagen.com/safety](http://www.qiagen.com/safety)
- Technical assistance: [support.qiagen.com](http://support.qiagen.com)

## Notes before starting

- This protocol is for the purification of total DNA from small-scale (300 mg) samples of raw or processed food material.
- Homogenize the food sample. For information on disruption procedures and suitable disruption devices, see “*DNeasy mericon 96 QIAcube HT Handbook: Important Notes*”, page 9.
- Ensure all reagents and samples are equilibrated to room temperature (15–25°C).
- Ensure that the relevant version of the DNeasy 96 *mericon* QIAcube HT.QSP and that software version 4.17.1 or higher is installed. This is mandatory to process the DNeasy *mericon* 96 QIAcube HT Kit.

## Setup of the instrument

1. Place the tip discard chute on the worktable so that the chute is over the tip disposal box.

2. Switch on the instrument. The switch is located at the back of the instrument, on the lower left. Launch the QIAcube HT Software and select the **QProtocols** tab.
3. To open the run file, select the Q Protocol and then click **Open**.
4. A **Protocol Description** of the selected Q Protocol will be displayed and the  icon will appear in the toolbar.
5. Check that the Q Protocol meets your requirements, and then click **Close**.
6. Click  on the toolbar.
7. Select the appropriate number of samples arranged in columns in the 96-well plate. Ensure the **Turn the HEPA filter on automatically** option is checked, and click **Jump to End**.
8. Confirm the protocol by clicking **Finish**. The wizard closes.  
**IMPORTANT:** Ensure that there are sufficient numbers of tips for the protocol run, that tip boxes are placed in the indicated positions and that the lids have been removed from the tip boxes.
9. Prepare the vacuum chamber. See the *QIAcube HT User Manual* for further information.  
**Note:** If fewer than 12 columns are to be processed, seal unused columns of the DNeasy 96 plate with adhesive tape (supplied).
10. With the instrument equipped with all plastic consumables, continue with step 12 in part 2 of the protocol.



Scan QR code for handbook.

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

Trademarks: QIAGEN<sup>®</sup>, Sample to Insight<sup>®</sup>, QIAcube<sup>®</sup>, QIAextractor<sup>®</sup>, DNeasy<sup>®</sup>, mericon<sup>®</sup> (QIAGEN Group). 1102249 04/2016 HB-1558-003  
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