

QIAcube® quick-start guide

This Technical Information describes how to set up the QIAcube worktable. Before using the QIAcube, it is essential that you read the *QIAcube User Manual* carefully and pay particular attention to the safety information.

Tubes that must be used with the QIAcube

Information about the type of sample and collection tubes that must be used with the QIAcube is given in the relevant Protocol Sheet and can also be found at www.qiagen.com/goto/QIAcubeTubes.

WARNING



Damage to the instrument

Only use the tubes recommended by QIAGEN on the QIAcube.

Do not use 1.5 ml tubes in the QIAcube shaker.

Loading the reagent bottle rack

Fill reagent bottles with buffer and place each bottle into the correct position in the reagent bottle rack (the position of each reagent is given in the relevant Protocol Sheet). The amount of buffer required depends on the protocol and the number of samples. Make sure that the labeling strip is attached to the reagent bottle rack.

Place the rack into the labware tray on the QIAcube worktable. The volume of reagents will be checked during the load check at the start of the protocol run.

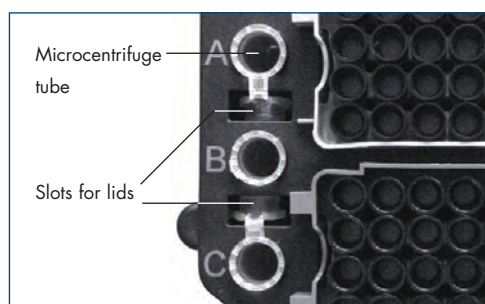
When the protocol run has finished, close the bottles tightly and store according to the instructions in the kit handbook.

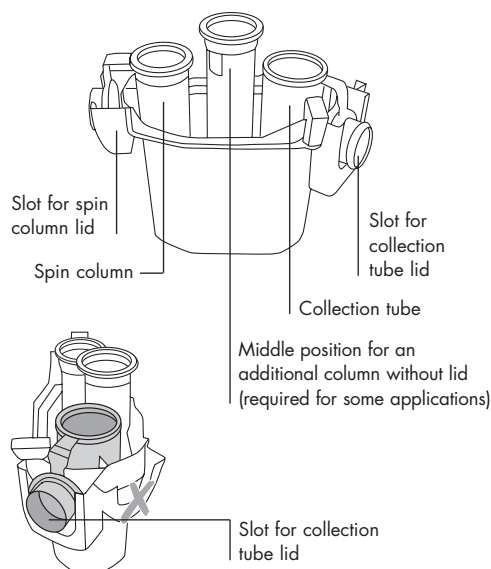



Loading accessory buffers

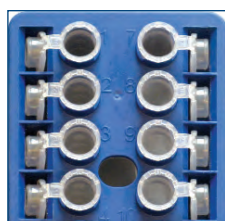
1.5 ml or 2 ml microcentrifuge tubes containing accessory buffers can be placed on the worktable. If 3 tubes are required, the lids of 2 of the tubes must be placed in the corresponding slots at positions A and C. The lid of the third tube must be cut off before placing on the worktable.

For more information about position, tube type, type of reagent, and volume, see the relevant Protocol Sheet. ▶

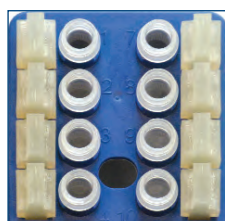




<p>WARNING</p> 	<p>Risk of personal injury and material damage.</p> <p>Make sure that lids from spin columns and 1.5 ml microcentrifuge tubes are in the correct position and pushed all the way down to the bottom of the slots on the sides of the rotor adapter. Incorrectly positioned lids can break off during centrifugation.</p>
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2 ml microcentrifuge tubes



2 ml screw-cap tubes; make sure to use Shaker Adapter "S2"

Loading the rotor adapters

Place a 1.5 ml collection tube and a spin column into the disposable rotor adapter.

For more information about position and tube type, see the relevant Protocol Sheet.

Place each loaded rotor adapter into a centrifuge bucket. If processing fewer than 12 samples, make sure to load the rotor symmetrically (see the loading chart available at www.qiagen.com/QIAcube/Resources or Appendix B of the *QIAcube User Manual* for more information).

Loading the tip racks

Load prefilled tip racks onto the QIAcube worktable. There are three different types of disposable filter-tips: 200 µl, 1000 µl, and 1000 µl wide-bore filter-tips. During the load check, the QIAcube will check that the correct tip racks have been placed on the worktable and that there are sufficient tips for the protocol run. The number of tips required depends on the protocol and the number of samples.

Loading the samples

Make sure to use Shaker Adapter "2" with 2 ml microcentrifuge tubes (for more information, see the *QIAcube User Manual*). Place the lids of 2 ml microcentrifuge tubes into the slots at the edge of the shaker rack.

Important: Make sure that the lids are securely seated in the slots.

Make sure to use Shaker Adapter "S2" with 2 ml screw-cap tubes (for more information, see the *QIAcube User Manual*). Place the Shaker Rack Plugs into the slots at the edge of the shaker rack.

For more information about sample tube types, see the relevant Protocol Sheet.

The QIAcube is intended to be used only in combination with QIAGEN kits indicated for use with the QIAcube for the applications described in the kit handbooks.

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