

MagAttract[®] Virus Mini M48 Kit

The MagAttract Virus Mini M48 Kit (cat. no. 955336) can be stored at room temperature (15–25°C) for up to 1 year if not otherwise stated on label.

Further information

- *MagAttract Virus Mini M48 Handbook*: www.qiagen.com/HB-0349
- Safety Data Sheets: www.qiagen.com/safety
- Technical assistance: support.qiagen.com

Notes before starting

- Install App. Package, M48, Inf. Dis., v3.2 or higher before running this protocol for the first time.
 - Ensure that the appropriate cooling block is installed at the **Heat/Cool Block 2** slot of the worktable. For details, refer to the *BioRobot[®] M48 User Manual*.
 - Ensure that MagAttract Suspension B is fully resuspended. Vortex for at least 3 min before the first use, and for 1 min before subsequent uses.
 - Prepare Buffer AW1, Buffer AW2 and QIAGEN[®] Protease according to the instructions in the handbook.
 - Add carrier RNA reconstituted in Buffer AVE to Buffer AL according to the instructions in the handbook.
 - Dilute internal control with Buffer AVE and carrier RNA according to the instructions in the handbook.
1. Switch on the BioRobot M48 workstation, the computer and the monitor.
 2. Launch the QIAsoft M Operating System.

3. Click the dark green arrow button and select **Infectious Disease** from the drop-down menu that appears. Then select **Viral NA** and the protocol **Virus IC v2.2**, and click the **Select** button.
4. In the dialog box that appears, click **1.5 ml** to select 1.5 ml elution tubes.
5. Select the number of samples, the sample volume of 50, 100, 200 or 400 μ l and the elution volume of 50, 75, 100, 125 or 150 μ l in the corresponding dialog fields. Click **Next**.
6. Follow the instructions displayed by the QIAsoft M software for setting up the BioRobot M48 for the protocol selected.
7. At the last step of worktable setup, transfer the requested volume of sample into 2 ml sample tubes and equilibrate to room temperature (15–25°C) before loading on the worktable. If using frozen samples, thaw and equilibrate at room temperature, mix well by vortexing, remove the lids and immediately load onto the worktable. Click **Next**.
8. The software provides you with the option of entering names for your samples.
9. Close the workstation door and start the protocol when instructed by the software.
10. Retrieve the elution tubes containing the purified viral nucleic acids from cooling block 1 at the rear of the worktable. The viral nucleic acids are ready to use, or can be stored at 2–8°C for 24 h or at –20°C to –70°C for longer periods.

Note: Some viral RNAs are very rich in secondary structures. A post-elution heating step (e.g., 20 min at 75°C) of open elution tubes leads to significant improvement in performance for certain downstream assays. The post-elution protocol v1.1 on the App. Package, M48, Inf. Dis., v3.2 can be used to perform this heating automatically in the heating/cooling block on the BioRobot M48 worktable. However, for other quantitative downstream assays, this heat incubation has a negative impact. It is recommended to validate the effect of such a post-elution heating step for each individual downstream assay.



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®, Sample to Insight®, BioRobot®, MagAttract® (QIAGEN Group). 1101294 03/2016 HB-1236-002 © 2016 QIAGEN, all rights reserved.