

**User-developed
protocol**

User-Developed Protocol:

Isolation of viral RNA from stool using the QIAamp[®] Viral RNA Mini Kit

This procedure has been adapted by customers from the QIAamp[®] Viral RNA Mini Spin Protocol, and is for use with the QIAamp Viral RNA Mini Kit. **It has not been thoroughly tested and optimized by QIAGEN.**

Please be sure to read the QIAGEN[®] *QIAamp Viral RNA Mini Kit Handbook* and the detailed QIAamp Viral RNA Mini Spin Protocol or detailed QIAamp Viral RNA Mini Vacuum Protocol carefully before beginning this procedure.

Procedure

1. **Suspend 0.5–1.0 ml stool in up to 5 ml of 0.89% NaCl (i.e., up to 1:10 dilution).**
2. **Clarify the solution by centrifugation for 20 min at 4000 x g.**
3. **Filter the supernatant using a 0.22 µm filter.**
4. **Use 140 µl of the filtrate as starting material following the Viral RNA Mini Spin Protocol or the Viral RNA Mini Vacuum Protocol in the *QIAamp Viral RNA Mini Kit Handbook*.**

Note: Stool, plasma, serum, urine, cerebrospinal fluid, bone marrow, and other body fluids often contain only very low numbers of cells or viruses. In these cases we recommend concentrating the samples (as large as 3.5 ml) to a final volume of 200 µl, by ultrafiltration.

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