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## Total RNA extraction

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**Protocol status:** Working

**We use this protocol and it's working**

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## Abstract

For purification of viral RNA from serum and cell-culture supernatants.

## Materials

### MATERIALS

 Microcentrifuge Tubes

 Filter Tips

 Microtubes 1.5ml

 QIAamp® Viral RNA Mini **Qiagen Catalog #52906**

 Micropipettors

 Ethanol 96%-100% **Merck Millipore (EMD Millipore)**



- 1 Centrifuge the samples at 8000 x g for 8 min to clarify.
- 2 Transfer 140 µl of the supernatant into a 1.5 ml microcentrifuge tube.
- 3 Use this amount to RNA extraction with QIAamp® Viral RNA Mini (Qiagen, USA), according to the manufacturer's instructions. Available at: <https://www.qiagen.com/br/resources/re-sourcedetail?id=14e7cf6e-521a-4cf7-8cbc-bf9f6fa33e24&lang=en>.
- 4 Introduction of a negative control (Nuclease Free Water) into the purification procedure.
- 5 Pipet the samples in the same order and before the negative control.