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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

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- Microcentrifuge Tubes **Contributed by users**
- Filter Tips **Contributed by users**
- Microtubes 1.5ml **Contributed by users**
- QIAamp® Viral RNA Mini **Qiagen Catalog #52906**
- Micropipettors **Contributed by users**
- Ethanol 96%-100% **Merck 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/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.