



## Total RNA extraction

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### ABSTRACT

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

### PROTOCOL STATUS

#### Working

We use this protocol in our group and it is working

### MATERIALS

NAME ▾	CATALOG # ▾	VENDOR ▾
Microcentrifuge Tubes		
Filter Tips		
Microtubes 1.5ml		
QIAamp® Viral RNA Mini	52906	Qiagen
Micropipettors		
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/re\\_sourcedetail?id=14e7cf6e-521a-4cf7-8cbc-bf9f6fa33e24&lang=en](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.



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