

## User manuals

**NucleoSpin® RNA Virus 740956 / .10 / .50 / .250**

**NucleoSpin® RNA Virus F 740958**



Dear valued customer,

Thank you for choosing MACHEREY-NAGEL for your application. We have attached a short protocol for your review.

To obtain the best results we recommend to follow the detailed protocol available online, especially when you are a first time user of this kit.

All important links to the above mentioned products are listed in this leaflet.

Important information regarding product components, specifications, safety instructions, and processing protocols, can all be found on the product website and accessed easily via the QR code.

### QR-Code product website



[qr.mn-net.com/qr/\(241\)740956](https://qr.mn-net.com/qr/(241)740956)

Use the following QR code or the link below for direct access to the user manual.

### QR-Code user manual










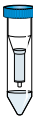




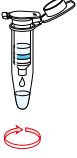

[qr.mn-net.com/qr/\(IFU\)740956](https://qr.mn-net.com/qr/(IFU)740956)

It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental tool for quick reference while performing the purification procedure.

We are constantly improving our products and we reserve the right to make changes or additions to protocols. Please check for updated revisions for previously downloaded manuals.

This is a short protocol and does not replace the full manual!

## Protocol at a glance – Viral RNA isolation (Rev. 13)

	Mini NucleoSpin® RNA Virus	Funnel NucleoSpin® RNA Virus F
<b>1 Lysis of viruses</b>	 150 µL sample volume 600 µL RAV1  70 °C, 5 min	 1 mL sample volume 4 mL RAV1  70 °C, 5 min
<b>2 Adjust binding conditions</b>	 600 µL ethanol	 4 mL ethanol
<b>3 Bind viral RNA</b>	 Load sample stepwise 8,000 x g, 1 min	 Load sample 3,000 x g, 3–5 min
<b>4 Wash and dry silica membrane</b>	 1 <sup>st</sup> wash 500 µL RAW 2 <sup>nd</sup> wash 600 µL RAV3 3 <sup>rd</sup> wash 200 µL RAV3	 1 <sup>st</sup> wash 5 mL RAW 2 <sup>nd</sup> wash 8 mL RAV3 3 <sup>rd</sup> wash 2 mL RAV3
<b>1<sup>st</sup> and 2<sup>nd</sup> wash</b>	 8,000 x g, 1 min	 3,000 x g, 3 min
<b>3<sup>rd</sup> wash</b>	 11,000 x g, 5 min	 3,000 x g, 10 min
<b>5 Elute highly pure RNA</b>	 50 µL RNase-free H <sub>2</sub> O (70 °C)  RT, 1–2 min 11,000 x g, 1 min	 50–100 µL RNase-free H <sub>2</sub> O (70 °C)  RT, 1–2 min 3,000 x g, 3 min

## QR-Code Safety Data Sheet

Please find a digital version of the safety data sheets by following the link below:



[www.mn-net.com/sds](http://www.mn-net.com/sds)



We strongly recommend to carefully read the detailed protocol section of the product's user manual. If you have any questions about the protocol or product, please contact our Technical Support.

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