Viral RNA and DNA

User manuals

NucleoSpin® 96 Virus **740691.2 / .4**

NucleoSpin® 96 Virus Core Kit **740452.4**

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 product 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)740452

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)740452

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 leaflet does not replace the full manual!

Protocol at a glance
NucleoSpin® 96 Virus – centrifuge processing

Please check the user manual if your centrifuge and setup meets the requirements for centrifuge processing of 96-well plates.

	400 µL sample
1 Lyse viruses	100 µL sample 400 µL Buffer RAV1 (20 µL Proteinase K) Mix 25–70 °C, 10 min
2 Adjust binding conditions	400 µL ethanol (96–100 %) Mix
3 Transfer samples to NucleoSpin® Virus Binding Plate	
4 Bind viral RNA and DNA to silica membrane of the NucleoSpin® Virus Binding Plate	5,600–6,000 x *g*, 2 min
5 Wash silica membrane	500 µL RAW 5,600–6,000 x *g*, 2 min 700 µL RAV3 5,600–6,000 x *g*, 2 min 700 µL RAV3 5,600 x *g* 15 min
6 Elute viral RNA and DNA	100 µL RE (70 °C) 5,600–6,000 x *g*, 2 min Optional: Repeat elution step once

Protocol at a glance
NucleoSpin® 96 Virus (Core Kit) – vacuum processing

	400 µL sample
1 Lyse viruses	100 µL sample 400 µL Buffer RAV1 (20 µL Proteinase K) Mix 25–70 °C, 10 min
2 Adjust binding conditions	400 µL ethanol (96–100 %) Mix
3 Transfer samples to NucleoSpin® Virus Binding Plate	
4 Bind nucleic acid to NucleoSpin® Virus Binding Plate	-0.2 bar*, 5 min
5 Wash and dry silica membrane	500 µL RAW - 0.2 bar* 5 min 700 µL RAV3–0.2 bar* 2 min 700 µL RAV3–0.2 bar* 5 min Remove MN Wash Plate -0.6 bar* 15 min
6 Elute viral RNA and DNA	100 µL RE (70 °C) -0.4 bar* 2 min Optional: Repeat elution step once *Note: Elution under centrifugation* is recommended.

** Reduction of atmospheric pressure.*

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

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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