

## User manuals

**NucleoSpin® VET** 740842.10 / .50 / .250



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/\(241\)740842](https://qr.mn-net.com/qr/(241)740842)

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/\(IFU\)740842](https://qr.mn-net.com/qr/(IFU)740842)

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!

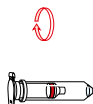
	200 µL serum or plasma	100 µL animal blood	5–10 mg tissue	dry swab	wet swab	feces
<b>1 Sample lysis</b>	10 µL Liquid PK 200 µL sample 200 µL SVL mix 10 min 1,400 rpm + 2.5 µL Carrier RNA mix incubate at RT 3 min Quick spin	10 µL Liquid PK 100 µL blood 100 µL PBS 200 µL SVL mix 10 min 1,400 rpm + 2.5 µL Carrier RNA mix incubate at RT 3 min	5–10 mg tissue in Bead Tube 400 µL PBS agitate remove beads transfer 200 µL supernatant + 10 µL Liquid PK + 200 µL SVL mix 10 min at 1,400 rpm + 200 µL Carrier RNA mix incubate at RT 3 min	400 µL PBS insert dry swab 30 min at RT shaking remove swab 1 min 2,000 x g transfer 200 µL supernatant + 10 µL Liquid PK + 200 µL SVL mix 10 min at 1,400 rpm + 2.5 µL Carrier RNA mix 3 min RT	remove swab from medium transfer 300 – 1000 µL medium 1 min 2,000 x g transfer 200 µL supernatant + 10 µL Liquid PK + 200 µL SVL mix 10 min 1,400 rpm + 2.5 µL Carrier RNA mix 3 min RT	mix feces with tenfold PBS 1 min 2,000 x g transfer 250 µL + 250 µL SVL mix + 10 µL Liquid PK mix 10 min 1,400 rpm opt. : + 2.5 µL Carrier RNA mix 3 min RT 3 min 15,000 x g recover and continue with 400 µL supernatant
<b>2 Adjust binding conditions</b>	+ 200 µL ethanol mix RT, 5 min Quick spin					
<b>3 Bind viral RNA/ DNA</b>	Load sample (~ 610 µL) 4,000 x g, 3 min					

**4 Wash silica membrane**

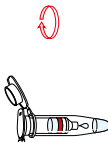
**1<sup>st</sup> wash** 400 µL SWW1 11,000 × g, 30 s  
**2<sup>nd</sup> wash** 400 µL SWW2 11,000 × g, 30 s  
**3<sup>rd</sup> wash** 200 µL SWW2 20,000 × g, 5 min

**5 Dry silica membrane**

56 °C, 5 min with open lid

**6 Elute RNA / DNA**

100 µL RNase-free H<sub>2</sub>O (70 °C)  
RT, 3 min  
20,000 × 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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