

User manuals

NucleoSpin® Soil 740780.10 / .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/\(241\)740780](https://qr.mn-net.com/qr/(241)740780)

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

QR-Code user manual




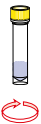
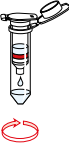








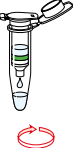
[qr.mn-net.com/qr/\(IFU\)740780](https://qr.mn-net.com/qr/(IFU)740780)

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 (Rev. 12)
Genomic DNA from soil

NucleoSpin® Soil		
1 Prepare sample		MN Bead Tube Type A 250 – 500 mg sample material 700 µL SL1 or SL2
2 Adjust lysis conditions		150 µL Enhancer SX
3 Sample lysis		Horizontally vortex 5 min at RT or use other homogenizers according to manufacturers protocol
4 Precipitate contaminants		11,000 × g, 2 min 150 µL SL3 Vortex 5 s 0 – 4 °C, 5 min 11,000 × g, 1 min
5 Filter lysate		Load supernatant on NucleoSpin® Inhibitor Removal Column (red ring) 11,000 × g, 1 min
6 Adjust binding conditions		250 µL SB Vortex 5 s
7 Bind DNA		Load 550 µL sample on NucleoSpin® Soil Column (green ring) 11,000 × g, 1 min Load remaining sample 11,000 × g, 1 min
8 Wash silica membrane		
1st wash		500 µL SB 11,000 × g, 30 s
2nd wash		550 µL SW1 11,000 × g, 30 s
3rd wash		650 µL SW2 Vortex 2 s 11,000 × g, 30 s
4th wash		650 µL SW2 Vortex 2 s 11,000 × g, 30 s
9 Dry silica membrane		11,000 × g, 2 min
10 Elute RNA/DNA		30 – 100 µL SE RT, 1 min 11,000 × g, 30

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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