

User manuals

NucleoSpin® 96 DNA Stool 740473 / .1 / .4

NucleoSpin® 96 DNA Stool Core Kit 740457 / .4 / .24



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/\(241\)740473](https://qr.mn-net.com/qr/(241)740473)

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/\(IFU\)740473](https://qr.mn-net.com/qr/(IFU)740473)

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

Protocol for fresh or frozen stool samples

1 Prepare sample	100–200 mg sample to MN Bead Tube Type A 950 µL ST1
2 Lyse sample	Mechanically homogenize
3 Precipitate contaminants	100 µL Buffer ST2 Vortex 5 s 10 min at 2–8 °C 13,000 x g, 3 min
4 Filter lysate	Assemble filtration setup Load samples -0.6 bar
5 Adjust binding conditions	250 µL ST3 Mix
6 Bind DNA	Assemble binding setup Load samples -0.4 to -0.6 bar
7 Wash silica membrane	600 µL ST3 -0.4 to -0.6 bar 600 µL ST4 -0.4 to -0.6 bar 700 µL ST5 -0.4 to -0.6 bar 700 µL ST5 -0.4 to -0.6 bar
8 Dry silica membrane	Assemble drying setup Full vacuum 15 min
9 Elute viral RNA and DNA	Assemble elution setup 100–200 µL SE 1 min -0.4 to -0.6 bar

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.

Contact MN

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