

User manuals

NucleoSpin® DNA Stool 740472 / .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/\(241\)740472](https://qr.mn-net.com/qr/(241)740472)

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/\(IFU\)740472](https://qr.mn-net.com/qr/(IFU)740472)


















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. 04)

Genomic DNA from stool samples

1 Prepare sample		MN Bead Tube Type A 180 – 220 mg sample material 850 µL ST1, shake horizontally 2 – 3 s
2 Lyse sample		70 °C, 5 min Vortex 10 min at RT using MN Bead Tube Holder on Vortex-Genie® 2 at max. speed
3 Precipitate contaminants	 	13,000 × g, 3 min Transfer 600 µL supernatant 100 µL ST2 Vortex 5 s 5 min, 2 – 8 °C 13,000 × g, 3 min
4 Filter lysate	 	Transfer 550 µL cleared lysate on NucleoSpin® Inhibitor Removal Column 13,000 × g, 1 min
5 Adjust binding conditions		200 µL ST3 Vortex 5 s
6 Bind DNA	 	Load 700 µL sample on NucleoSpin® DNA Stool Column 13,000 × g, 1 min
7 Wash silica membrane		
1st wash		600 µL ST3 13,000 × g, 1 min
2nd wash		550 µL ST4 13,000 × g, 1 min
3rd wash		700 µL ST5 Vortex 2 s 13,000 × g, 1 min
4th wash		700 µL ST5 13,000 × g, 1 min
8 Dry silica membrane		13,000 × g, 2 min
9 Elute DNA	 	30 – 100 µL SE 13,000 × g, 1 min Vortex 2 s

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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