

User manuals

NucleoSpin® RNA Stool**740130 / .10 / .50**

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/\(241\)740130](https://qr.mn-net.com/qr/(241)740130)

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/\(IFU\)740130](https://qr.mn-net.com/qr/(IFU)740130)


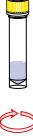











It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental tool for quick reference while performing the 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. 03)

RNA from stool samples

1 Prepare sample		NucleoSpin® Bead Tube Type A 180–220 mg sample material 200 µL NucleoZOL 660 µL Buffer RST1
2 Sample lysis		Horizontally vortex 10 min at RT or use other homogenizers according to manufacturers protocol 13,000 x g, 5 min Transfer 510 µL supernatant
3 Precipitate contaminants		140 µL Buffer RST2 Vortex 5 s 13,000 x g, 3 min
4 Filter lysate		Load supernatant on NucleoSpin® Inhibitor Removal Column (red ring) 13,000 x g, 1 min
5 Adjust binding conditions		180 µL Buffer RST2 or 120 µL Buffer RST2 Vortex 5 s
6 Bind RNA		Load 600 µL sample on NucleoSpin® NucleoSpin® RNA Stool Column (light blue ring) 13,000 x g, 1 min Load remaining sample 13,000 x g, 1 min
7 Wash silica membrane and digest DNA		
1st wash		600 µL Buffer RST3 13,000 x g, 1 min 80 µL rDNase reaction mixture RT, 15 min
2nd wash		600 µL Buffer RST4 13,000 x g, 1 min
3rd wash		600 µL Buffer RST2 13,000 x g, 1 min
4th wash		600 µL Buffer RST5 13,000 x g, 1 min
8 Dry silica membrane		13,000 x g, 2 min
9 Elute RNA		100 µL RNase free H ₂ O 13,000 x g, 1 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



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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