

User manuals

NucleoSpin® 96 Tissue	740741 / .2 / .4 / .24
NucleoSpin® 96 Tissue Core Kit	740454 / .4



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/\(241\)740454](https://qr.mn-net.com/qr/(241)740454)

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/\(IFU\)740454](https://qr.mn-net.com/qr/(IFU)740454)

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

NucleoSpin® 96 Tissue – centrifuge processing

1 Prepare samples	2 × 0.5 cm mouse tail or up to 20 mg tissue, 10 ⁶ cultured cells, or bacteria
2 Lyse samples	180 µL T1 25 µL Proteinase K Mix 56 °C, ≥ 6 h
3 Adjust DNA binding conditions	200 µL BQ1 200 µL ethanol (96 – 100 %) Mix
4 Transfer lysates to NucleoSpin® Tissue Binding Plate	
5 Bind DNA to silica membrane of the NucleoSpin® Tissue Binding Plate	5,600 × g, 10 min
6 Wash silica membrane	500 µL BW 5,600 × g, 2 min 700 µL B5 5,600 × g, 4 min
7 Dry silica membrane	70 °C, 10 min
8 Elute DNA	100 µL BE (70 °C) 5,600 × g, 2 min

Optional: Repeat elution step once.

Protocol at a glance

NucleoSpin® 96 Tissue (Core Kit) – vacuum processing

1 Prepare samples	2 × 0.5 cm mouse tail or up to 20 mg tissue, 10 ⁶ cultured cells, or bacteria
2 Lyse samples	180 µL T1 25 µL Proteinase K Mix 56 °C, ≥ 6 h
3 Adjust DNA binding conditions	200 µL BQ1 200 µL ethanol (96 – 100 %) Mix Prepare the NucleoVac 96 Vacuum Manifold
4 Transfer lysates to NucleoSpin® Tissue Binding Plate	
5 Bind DNA to silica membrane of the NucleoSpin® Tissue Binding Plate	-0.2 bar*, 5 min
6 Wash silica membrane	600 µL BW 900 µL B5 900 µL B5 – 0.2 bar*, 5 min each step Remove MN Wash Plate
7 Dry silica membrane	- 0.6 bar*, 10 min
8 Elute DNA	100 µL BE (70 °C) -0.4 bar*, 2 min Optional: Repeat elution step once

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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