

User manuals

NucleoSpin® 96 DNA FFPE**740240 / .1 / .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 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/\(241\)740240](https://qr.mn-net.com/qr/(241)740240)

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/\(IFU\)740240](https://qr.mn-net.com/qr/(IFU)740240)

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 is a short protocol and does not replace the full manual!

Protocol at a glance

NucleoSpin® 96 DNA FFPE - Centrifuge processing

Please check the user manual if your centrifuge and setup meets the requirements for centrifuge processing of 96-well plates.

1 Deparaffinize sample	400 µL Paraffin Dissolver 60 °C, 3 min Mix hot sample Cool down to RT
2 Lyse sample	Add to each sample: 200 µL FL 25 µL Proteinase K Mix 11,000 x g, 1 min 56 °C, for 1 – 3 h or overnight
3 Decrosslink	11,000 x g, 30 s 100 µL D-Link Mix 11,000 x g, 30 s, 90 °C for 30 min 11,000 x g, 1 min Load aqueous phase (lower) in Squarewell Block (approx. 300 µL)
4 Adjust DNA binding conditions	300 µL BQ1 300 µL Ethanol (96 – 100 %) Mix
5 Transfer lysates to NucleoSpin® DNA FFPE Binding plate	
6 Bind DNA to silica membrane of the NucleoSpin® FFPE DNA Binding Plate	5,600 x g, 10 min
7 Wash silica membrane	500 µL BW 5,600 x g, 2 min 700 µL B5 5,600 x g, 4 min
8 Dry silica membrane	70 °C, 10 min
9 Elute DNA	100 µL BE (70 °C) 5,600 x g, 2 min Optional: Repeat elution step once.

Protocol at a glance

NucleoSpin® 96 DNA FFPE - Vacuum processing

1 Deparaffinize sample	400 µL Paraffin Dissolver 60 °C, 3 min Mix Cool down to RT
2 Lyse sample	Add to each sample 200 µL FL 25 µL Proteinase K Mix 11,000 x g, 1 min 56 °C, for 1–3 h or overnight
3 Decrosslink	11,000 x g, 30 s 100 µL D-Link mix 11,000 x g, 30 s 90 °C, 30 min
Load sample to processing plate	11,000 x g, 1 min Load aqueous phase (lower) in Squarewell Block (approx. 300 µL)
4 Adjust DNA binding conditions	300 µL BQ1 300 µL Ethanol (96–100 %) Mix Prepare the NucleoVac 96 Vacuum Mantifold
5 Transfer lysates to NucleoSpin® DNA FFPE Binding plate	
6 Bind DNA to silica membrane of the NucleoSpin® FFPE DNA Binding Plate	- 0.2 bar*, 5 min
7 Wash silica membrane	600 µL BW 900 µL B5 900 µL B5–0.2 bar*, 5 min each step Remove MN Wash Plate
8 Dry silica membrane	- 0.6 bar*, 10 min
9 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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