

User manuals

NucleoMag® DNA FFPE**744320.1 /.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/\(241\)744320](https://qr.mn-net.com/qr/(241)744320)

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/\(IFU\)744320](https://qr.mn-net.com/qr/(IFU)744320)

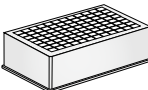
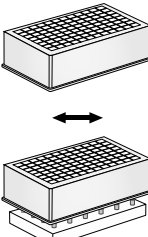
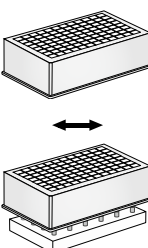
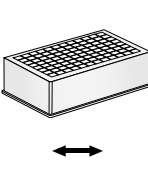
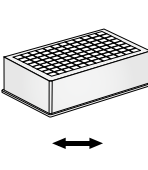
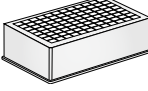
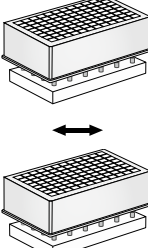
It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental tool for quick reference while performing the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

Isolation of genomic DNA from tissue

1 Deparaffinize sample		400 µL Paraffin Dissolver 60 °C, 3 min Mix hot sample by vortexing Cool down to RT
2 Lyse sample		Add to each sample: 200 µL FL 25 µL Proteinase K Mix by vortexing for 5 s 11,000 x g, 1 min 56 °C, 1–3 h
3 Decrosslink sample		11,000 x g, 30 s 100 µL D-Link Mix by vortexing for 5 s 11,000 x g, 1 min 90 °C, 30 min 11,000 x g, 1 min
4 Transfer sample		Load aqueous phase (lower) in Square-well Block
5 Bind DNA to NucleoMag® B-Beads		14 µL NucleoMag® B-Beads 600 µL MB2 Mix by shaking at 1,000 rpm for 5 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
6 Wash with MB4		Remove Square-well Block from NucleoMag® SEP 600 µL MB4 Shake 1–3 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
7 1 st wash		Remove Square-well Block from NucleoMag® SEP 600 µL 80 % ethanol Shake 1–3 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
8 2 nd wash		Remove Square-well Block from NucleoMag® SEP 600 µL 80 % ethanol Shake 1–3 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
9 Air dry magnetic beads		Air dry for 10 min at RT
10 Elute DNA		Remove Square-well Block from NucleoMag® SEP 25–100 µL MB6 (Optional: Elute at 56 °C) Shake 5 min at RT (Optional: Mix by pipetting up and down) Separate 2 min and transfer DNA into elution plate / tubes

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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