User manuals

NucleoMag® DNA Swab **744601.1 / .4 / .24**

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)744601

Use the following QR code or the link below for direct access to the user manual.

QR-Code user manual

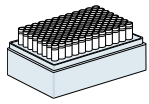
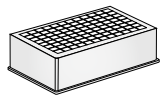
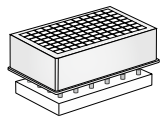
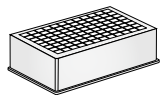
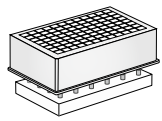
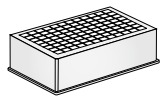
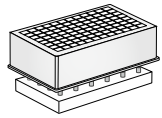
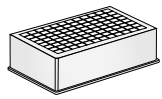
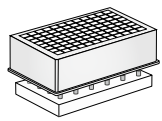
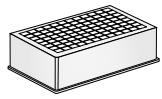
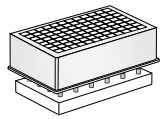
qr.mn-net.com/qr/(IFU)744601

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 swabs

1 Lyse sample (e.g., buccal swabs)		Add 30 µL Liquid Proteinase K and 270 µL Buffer FLB Mix 56 °C, 45 min
2 Separate and transfer lysate		Separate swab material to obtain 300 µL lysate. Transfer 300 µL of lysate to a Square-well Block
3 Bind DNA to NucleoMag® B-Beads	 	300 µL lysate 14 µL NucleoMag® B-Beads 400 µL MBL2 Mix by shaking for 5 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
4 Wash with MB3	 	Remove Square-well Block from NucleoMag® SEP 600 µL MB3 Resuspend: Shake 5 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
5 Wash with MB4	 	Remove Square-well Block from NucleoMag® SEP 600 µL MB4 Resuspend: Shake 5 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
6 Wash with ethanol 80 %	 	Remove Square-well Block from NucleoMag® SEP 700 µL ethanol 80 % Resuspend: Shake 5 min at RT (Optional: Mix by pipetting up and down) Remove supernatant after 2 min separation
7 Dry beads		10 min at RT
8 Elute DNA	 	Remove Square-well Block from NucleoMag® SEP 50-100 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

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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