

User manuals

NucleoMag® Pathogen 744210.1 / .4

NucleoMag® Pathogen Prefilled Plates 744211



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/\(241\)744210](https://qr.mn-net.com/qr/(241)744210)



[qr.mn-net.com/qr/\(241\)744211](https://qr.mn-net.com/qr/(241)744211)

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/\(IFU\)744210](https://qr.mn-net.com/qr/(IFU)744210)

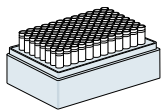
It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental tool for quick reference while performing the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

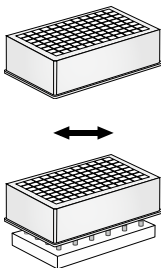
This leaflet does not replace the full manual!

Protocol at a glance

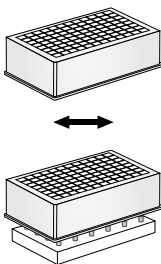
Isolation of viral RNA and DNA and microbial DNA from blood, tissue homogenates, serum, plasma, other body fluids and washes

1 Lyse sample

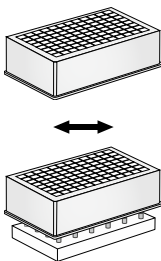
200 μ L (homogenized) sample
 20 μ L Proteinase K
 4 μ L Carrier RNA
 180 μ L NPL1
 Mix
 RT, 15 min
 or
 56 $^{\circ}$ C, 15 min

2 Bind nucleic acids to NucleoMag[®] B-Beads

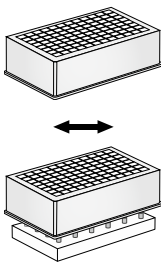
600 μ L NPB2
 20 μ L B-Beads
 Mix by shaking for 5–10 min at RT
 (Optional: Mix by pipetting up and down)
 Remove supernatant after 2 min separation

3 Wash with NPW3

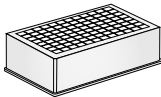
Remove Square-well Block from NucleoMag[®] SEP
 600 μ L NPW3
 Resuspend: Shake 1 min at RT
 Remove supernatant after 2 min separation

4 Wash with NPW4

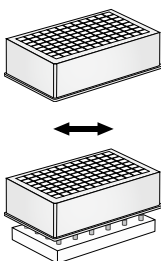
Remove Square-well Block from NucleoMag[®] SEP
 600 μ L NPW4
 Resuspend: Shake 1 min at RT
 Remove supernatant after 2 min separation

5 Wash with 80 % Ethanol

Remove Square-well Block from NucleoMag[®] SEP
 600 μ L 80 % Ethanol
 Resuspend: Shake 1 min at RT
 Remove supernatant after 2 min separation

6 Drying step

Air dry for 10 min at room-temperature

7 Elute RNA / DNA

Remove Square-well Block from NucleoMag[®] SEP
 50-100 μ L NPE5
 Shake 5 min at RT
 (Optional: Mix by pipetting up and down)
 Separate 2 min and transfer RNA and 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.

Contact MN

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