

User manuals

NucleoMag® DNA Food

744945.1 / .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/\(241\)744945](https://qr.mn-net.com/qr/(241)744945)

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

QR-Code user manual



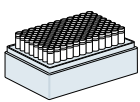
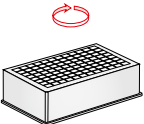
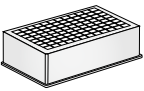

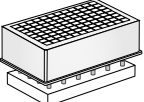



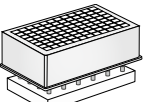
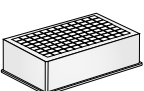

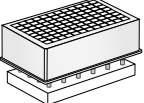
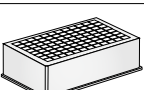
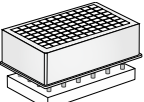
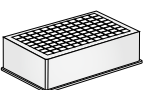

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It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental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

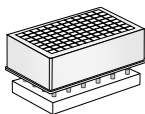
We are constantly improving our products and we reserve the right to make changes or additions to protocols. Please check for updated revisions for previously downloaded manuals.

This leaflet does not replace the full manual!

Protocol at a glance
 Isolation of DNA from food samples

1 Homogenize samples	0.2 g sample 550 μ L preheated (65 °C) CF 10 μ L Liquid Proteinase K Mix 65 °C, 30 min	
2 Clear lysate	5,600 x g, 20 min	
3 Bind DNA to NucleoMag® B-Beads	Up to 400 μ L clear lysate 25 μ L NucleoMag® B-Beads 600 μ L CB Mix by shaking for 10 min at RT (Optional: Mix by pipetting up and down)	 
4 Wash with CMW	Remove Square-well Block from NucleoMag® SEP 600 μ L CMW Resuspend: Shake 2 min at RT (Optional: Mix by pipetting up and down)	 
5 Wash with CQW	Remove Square-well Block from NucleoMag® SEP 600 μ L CQW Resuspend: Shake 2 min at RT (Optional: Mix by pipetting up and down)	  
6 Wash with 80 % Ethanol	Remove Square-well Block on NucleoMag® SEP 600 μ L 80 % Ethanol Resuspend: Shake 2 min at RT (Optional: Mix by pipetting up and down)	  
7 Dry the beads	15 min at RT	 
8 Elute DNA	Remove Square-well Block from NucleoMag® SEP 50 – 100 μ L CE (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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