Genomic DNA

User manuals

NucleoSpin® 96 Trace **740726 / .2 / .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)740726

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)740726

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 NucleoSpin® 96 Trace – vacuum processing

	200 µL sample
1 Lyse samples	125 – 600 µL FLB 25 µL Proteinase K Mix RT, several hours or overnight
2 Adjust DNA binding conditions	1 vol. isopropanol (per 2 vol. lysate) Mix Prepare the NucleoVac 96 Vacuum Manifold
3 Transfer lysates to NucleoSpin® Trace Binding Plate	
4 Bind DNA to silica membrane of the NucleoSpin® Trace Binding plate	-0.2 bar*, 2 min
5 Wash silica membrane	900 µL B5 - 0.2 bar*, 1 min 900 µL B5 - 0.2 bar*, 1 min Remove MN Wash Plate
6 Dry silica membrane	-0.6 bar*, 10 min
7 Elute DNA	50 – 200 µL BE -0.4 bar*, 2 min

** Reduction of atmospheric pressure*

Protocol at a glance NucleoSpin® 96 Trace – centrifuge processing

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

	200 µL sample
1 Lyse samples	125 – 600 µL FLB 25 µL Proteinase K Mix RT, several hours or overnight
2 Adjust DNA binding conditions	1 vol. isopropanol (per 2 vol. lysate) Mix
3 Transfer lysates to NucleoSpin® Trace Binding Plate	
4 Bind DNA to silica membrane of the NucleoSpin® Trace Binding Plate	5,600 – 6,000 x *g*, 3 min
5 Wash silica membrane	900 µL B5 5,600 – 6,000 x *g*, 2 min 900 µL B5 5,600 – 6,000 x *g*, 10 min
6 Dry silica membrane	Not necessary – see prolonged centrifugation at step 5 (2nd wash step)
7 Elute DNA	50 – 200 µL BE 5,600 – 6,000 x *g*, 3 min

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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