Genomic DNA

User manuals

NucleoSpin® 96 Blood **740665 / .1 / .4 / .24**

NucleoSpin® 96 Blood Core Kit **740456 / .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 products 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)740456

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)740456

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 Blood – vacuum processing

1 Lyse samples	200 µL blood (equilibrated to room temperature) 25 µL Proteinase K 200 µL BQ1 Mix 3 times Incubate at RT, 10 min or Mix 3 times and shake at 1250 rpm at RT, 10 min
2 Adjust DNA binding conditions	200 µL ethanol Mix at least 3 – 5 times *Note: High-speed pipetting (400 µL/s)* should be used for optimized mixing.
	Prepare the NucleoVac 96 Vacuum Manifold
3 Transfer lysates to NucleoSpin® Blood Binding Plate	
4 Overlay samples with Buffer B5	150 µL B5
5 Bind DNA to silica membrane of the	- 0.2 bar*, 5 min
6 Wash silica membrane	600 µL BW -0.2 bar*, 3 min 900 µL B5 – 0.2 bar*, 1 min 900 µL B5 – 0.2 bar*, 1 min
	Remove MN Wash Plate
7 Dry silica membrane	- 0.6 bar*, 10 min
8 Elute DNA	50 – 200 µL BE Incubate 5 min at RT - 0.6 bar*, 1 min

** Reduction of atmospheric pressure*

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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