

User manuals

NucleoCard®**740403.10****740403.100**

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 relevant 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.

Product website



[qr.mn-net.com/qr/\(241\)740403.10](https://qr.mn-net.com/qr/(241)740403.10)

List of recommended kits for the isolation genomic DNA from blood spots:

NucleoSpin® Tissue product website



[qr.mn-net.com/qr/\(241\)740952.50](https://qr.mn-net.com/qr/(241)740952.50)

NucleoSpin® Tissue XS product website



[qr.mn-net.com/qr/\(241\)740901.50](https://qr.mn-net.com/qr/(241)740901.50)

NucleoSpin® 8 Tissue product website



[qr.mn-net.com/qr/\(241\)740740](https://qr.mn-net.com/qr/(241)740740)

NucleoSpin® 96 Tissue product website



[qr.mn-net.com/qr/\(241\)740741.4](https://qr.mn-net.com/qr/(241)740741.4)

NucleoMag® Tissue product website



[qr.mn-net.com/qr/\(241\)744300.4](https://qr.mn-net.com/qr/(241)744300.4)

NucleoType Blood PCR product website



[qr.mn-net.com/qr/\(241\)743201.100](https://qr.mn-net.com/qr/(241)743201.100)

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!

Sample application and storage – protocol at a glance (Rev. 01)

Step	Description
1 Label	Label the NucleoCard® with the appropriate sample identification
2 Load	Load up to 200 µL blood sample onto each collection circle
3 Dry	Let the card dry for at least 30 – 60 min
4 Storage	Store at 15 – 25 °C (protected from direct light)

Isolation of genomic DNA from dried blood spots – protocol at a glance (Rev. 01)

Step	Description
1 Sample collection	Punch out 3 mm discs using a suitable punching device.
2 Transfer	Transfer sample punch in a 1.5 mL sample tube.
3 Pre-Lyse	180 µL T1 94 °C 10 min
4 Lyse sample	25 µL Proteinase K 56 °C 60 min
5 Lyse*	200 µL B3* or 200 µL BQ1* 56 °C 10 min
* This step is omitted when using the NucleoMag® Tissue kit	*depending on the respective kit

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

Germany and international

MACHEREY-NAGEL GmbH & Co. KG
Valenciennner Str. 11 · 52355 Düren · Germany
Tel.: +49 24 21 969-0
Toll-free: 0800 26 16 000 (Germany only)
E-mail: info@mn-net.com

Technical support Bioanalysis

Tel.: +49 24 21 969-333
E-mail: support@mn-net.com

USA

MACHEREY-NAGEL Inc.
924 Marcon Blvd. · Suite 102 · Allentown PA, 18109 · USA
Toll-free: 888 321 6224 (MACH)
E-mail: sales-us@mn-net.com

France

MACHEREY-NAGEL SAS
1, rue Gutenberg – BP135 · 67720 Hoerdt Cedex · France
Tel.: +33 388 68 22 68
E-mail: sales-fr@mn-net.com

MACHEREY-NAGEL SAS (Société par Actions Simplifiée) au capital de 186600 €
Siret 379 859 531 00020 · RCS Strasbourg B379859531
N° intracommunautaire FR04 379 859 531

Switzerland

MACHEREY-NAGEL AG
Hirsackerstr. 7 · 4702 Oensingen · Switzerland
Tel.: +41 62 388 55 00
E-mail: sales-ch@mn-net.com