

## 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
<b>1 Label</b>	Label the NucleoCard® with the appropriate sample identification
<b>2 Load</b>	Load up to 200 µL blood sample onto each collection circle
<b>3 Dry</b>	Let the card dry for at least 30–60 min
<b>4 Storage</b>	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
<b>1 Sample collection</b>	Punch out 3 mm discs using a suitable punching device.
<b>2 Transfer</b>	Transfer sample punch in a 1.5 mL sample tube.
<b>3 Pre-Lyse</b>	180 µL T1 94 °C 10 min
<b>4 Lyse sample</b>	25 µL Proteinase K 56 °C 60 min
<b>5 Lyse*</b>	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](http://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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