

## User manuals

### NucleoSpin® gDNA Clean-up XS

740904.10 / .50 / .250



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/\(241\)740904](https://qr.mn-net.com/qr/(241)740904)

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/\(IFU\)740904](https://qr.mn-net.com/qr/(IFU)740904)







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!

## Genomic DNA clean-up – protocol at a glance (Rev. 05)

## NucleoSpin® gDNA Clean-up XS

<b>1 Prepare sample</b>		Adjust up to 400 $\mu$ L aqueous sample with buffer TE to 800 $\mu$ L
<b>2 Adjust DNA binding conditions</b>		200 $\mu$ L NT
<b>3 Bind DNA</b>		Load 500 $\mu$ L diluted sample 11,000 x g 30 s  Load remaining sample 11,000 x g 30 s
<b>4 Wash silica membrane</b>		Turn spin cup inside the centrifuge by 180° compared to the loading position 100 $\mu$ L B5 11,000 x g 2 min
<b>5 Elute DNA</b>		1. 6–15 $\mu$ L BE 11,000 x g 1 min 2. 6–15 $\mu$ L BE 11,000 x g 1 min
<b>6 Removal of residual ethanol and concentration</b>		90 °C 8 min (2 x 10 $\mu$ L elution) or 5 min (10 $\mu$ L elution)

## 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](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.

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