

User manuals

NucleoSpin® Inhibitor Removal 740408.10/.50



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/\(241\)740408](https://qr.mn-net.com/qr/(241)740408)

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/\(IFU\)740408](https://qr.mn-net.com/qr/(IFU)740408)

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!

DNA Clean up – protocol at a glance (Rev. 04)

Method 5.1 for samples with moderate contaminations of humic substances or other types of inhibitors











NucleoSpin® Inhibitor Removal

1 Prepare sample		100 μ L sample in a 1.5 mL or 2.0 mL tube
2 Adjust DNA binding conditions		300 μ L IR1X Mix and incubate 1 min at RT 210 μ L ethanol
3 Bind DNA	 	10,000 \times g 30 sec
4 Wash silica membrane	  	500 μ L IRW 10,000 \times g 30 sec 300 μ L IRW 10,000 \times g 2 min
5 Prepare elution		100 μ L BE RT, 1 min
6 Elute highly pure DNA	 	11,000 \times g 1 min

DNA Clean up – protocol at a glance (Rev. 04)

Method 5.2 for samples with considerable contaminations of humic substances (intense brownish color)

NucleoSpin® Inhibitor Removal

1 Prepare sample		100 μ L sample in a 1.5 mL tube
2 Adjust DNA binding conditions		500 μ L IR1 mix
3 Bind DNA		10,000 \times g 30 sec
		
4 Wash silica membrane		500 μ L IRW 10,000 \times g 30 sec
		300 μ L IRW
		10,000 \times g 2 min
5 Prepare elution		100 μ L BE RT, 1 min
6 Elute highly pure DNA		11,000 \times g 1 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.

Contact MN

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