User manuals

NucleoSpin® Plant Pathogen **740170.10 / .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)740170

Use the following QR code or the link below for direct access to the user manual.

QR-Code user manual

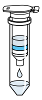
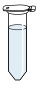
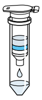
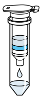
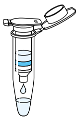
qr.mn-net.com/qr/(IFU)740170

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 (Rev. 01)
NucleoSpin® Plant Pathogen - Viral RNA and DNA isolation from plant samples

1 Homogenize and lyse sample	Option A: Crush 	300 µL PFL 12 µL PFR Mix 56 °C, 5 min 14,000 x *g*, 1 min
	Option B: Bead Beating  	Transfer Sample 300 µL PFL 12 µL PFR Agitate 2 x 30 s 56 °C, 5 min Remove steel balls 14,000 x *g*, 1 min Load lysate 14,000 x *g*, 30 s
2 Adjust binding conditions		300 µL PFB Mix RT, 5 min
3 Bind RNA and DNA		Load 650 µL sample 14,000 x *g*, 30 s
4 Wash silica membrane		
1st wash		500 µL PFW1 14,000 x *g*, 1 min
2nd wash		500 µL PFW2 14,000 x *g*, 1 min
3rd wash		500 µL PFW2 14,000 x *g*, 1 min
5 Elute RNA and DNA		50 µL RNase-free H_2O RT, 1 min 14,000 x *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

Germany and international

MACHEREY-NAGEL GmbH & Co. KG
Valencienner 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