

## User manuals

### NucleoSpin® RNA Plus XS 740990.10/ .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/\(241\)740990](https://qr.mn-net.com/qr/(241)740990)

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/\(IFU\)740990](https://qr.mn-net.com/qr/(IFU)740990)

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!

## RNA isolation – protocol at a glance (Rev. 07)

		200 $\mu$ L sample
<b>1 Homogenize and lyse sample</b>		100 $\mu$ L LB1 Homogenize 100 $\mu$ L LB2
<b>2 Remove gDNA and filtrate lysate</b>		100 x g, 2 min 11,000 x g, 10 s
<b>3 Adjust binding conditions</b>		150 $\mu$ L BSXS Mix
<b>4 Bind RNA</b>		Load lysate 300 x g, 1 min 11,000 x g, 10 s
<b>5 Wash and dry silica membrane</b>		
<b>1<sup>st</sup> wash</b>		100 $\mu$ L MDB 11,000 x g, 10 s
<b>2<sup>nd</sup> wash</b>		500 $\mu$ L WB2 11,000 x g, 10 s
<b>3<sup>rd</sup> wash</b>		200 $\mu$ L WB2 < 20,000 x g, 2 min
<b>6 Elute RNA/DNA</b>		10–20 $\mu$ L RNase-free H <sub>2</sub> O 11,000 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](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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