

## User manuals

**NucleoSpin® RNA Blood** 740200.10 / .50

**NucleoSpin® RNA Blood Midi** 740210.20



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 products 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/\(241\)740200](https://qr.mn-net.com/qr/(241)740200)

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/\(IFU\)740200](https://qr.mn-net.com/qr/(IFU)740200)




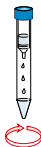

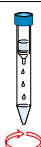






It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental tool for quick reference while performing the 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  
RNA from blood (Rev. 07)

<b>Mini</b> <b>NucleoSpin® RNA Blood</b> <b>200 µL blood</b>		
<b>1 Lyse blood</b>		200 µL blood 200 µL DL Mix 5 µL Pro. K RT, 3–15 min (shaking)
<b>2 Adjust RNA binding conditions</b>		200 µL 70% ethanol Mix
<b>3 Bind RNA</b>		Load sample 11,000 x g, 30 s
<b>4 Desalt silica membrane</b>		350 µL MDB 11,000 x g, 30 s
<b>5 Digest DNA</b>		95 µL rDNase RT, 15 min
<b>6 Wash silica membrane</b>		200 µL RB2 600 µL RB3 250 µL RB3
<b>1<sup>st</sup> and 2<sup>nd</sup> wash</b>  <b>3<sup>rd</sup> wash</b>	  	11,000 x g, 30 s  11,000 x g, 2 min
<b>7 Elute RNA</b>		60 µL RNase-free H <sub>2</sub> O 11,000 x g, 30 s

<b>Mini</b>		<b>Midi</b>	
NucleoSpin® RNA Blood		NucleoSpin® RNA Blood Midi	
400 µL blood		1.3 mL blood	
	400 µL blood 400 µL DL Mix 10 µL Pro. K RT, 3–15 min (shaking)		1.3 mL blood 1.3 mL DL Mix 33 µL Pro. K RT, 3–15 min (shaking)
400 µL 70 % ethanol Mix		1.3 mL 70 % ethanol Mix	
	Load sample stepwise 11,000 x g, 30 s		Load sample 4,500 x g, 3 min
	350 µL MDB 11,000 x g, 30 s		1.2 mL MDB 4,500 x g, 3 min
	95 µL rDNase RT, 15 min		240 µL rDNase RT, 15 min
	200 µL RB2 600 µL RB3 250 µL RB3  11,000 x g, 30 s 11,000 x g, 2 min		1 mL RB2 3 mL RB3  4,500 x g, 3 min
	60 µL RNase-free H <sub>2</sub> O 11,000 x g, 30 s		200 µL RNase-free H <sub>2</sub> O 4,500 x g, 3 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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