

User manuals

NucleoSpin® totalRNA FFPE 740982.10 / .50 / .250

**NucleoSpin® totalRNA FFPE 740969.10 / .50 / .250
XS**



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/\(241\)740982](https://qr.mn-net.com/qr/(241)740982)

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

QR-Code user manual



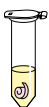

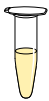









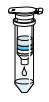

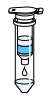



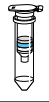
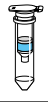








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It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental 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. 08)
Total RNA from FFPE samples

	NucleoSpin® totalRNA FFPE	NucleoSpin® totalRNA FFPE XS	
1 Sample preparation	 Insert FFPE section(s) in a microcentrifuge tube	 Insert FFPE section(s) in a microcentrifuge tube	
2 Deparaffinize sample	  1 mL Paraffin Dissolver 56 °C, 5 min Vortex hot sample 16,000 × g, 2 min	  1 mL Paraffin Dissolver 56 °C, 5 min Vortex hot sample 16,000 × g, 2 min	
	 170 µL MLF 16,000 × g, 2 min	 140 µL MLF 16,000 × g, 2 min	
	Remove Paraffin Dissolver	Remove Paraffin Dissolver	
3 Lyse sample A Quick protocol (perform method 3A or 3B)	15 µL Proteinase K Mix gently 56 °C, 15 min	12 µL Proteinase K Mix gently 56 °C, 15 min	
	 15 µL MKA Vortex 0 °C, 5 min 16,000 × g, 5 min	 12 µL MKA Vortex 0 °C, 5 min 16,000 × g, 5 min	
	Transfer sample 80 °C, 15 min	Transfer sample 80 °C, 15 min	
Lyse sample B Protocol for difficult to lyse cells (perform method 3A or 3B)	15 µL Proteinase K Mix gently 56 °C, 90 min	12 µL Proteinase K Mix gently 56 °C, 90 min	
	 15 µL MKA Vortex 0 °C, 5 min 16,000 × g, 5 min	 12 µL MKA Vortex 0 °C, 5 min 16,000 × g, 5 min	
	Transfer sample	Transfer sample	
4 Adjust binding conditions	500 µL MX Vortex RT, 1 min	400 µL MX Vortex RT, 1 min	
5 Bind RNA	  Load sample 16,000 × g, 15 s	  Load sample 16,000 × g, 15 s	
6 Wash and dry silica membrane	1st wash	700 µL MW2	400 µL MW2
		16,000 × g, 15 s	16,000 × g, 15 s
	2nd wash	250 µL MW2	200 µL MW2
		16,000 × g, 1 min	16,000 × g, 1 min
7 Optional: Digest DNA	 50 µL rDNase RT, 15 min	 25 µL rDNase RT, 15 min	
	 100 µL MX RT, 1 min 16,000 × g, 15 s	 50 µL MX RT, 1 min 16,000 × g, 15 s	
	1st wash	700 µL MW2	400 µL MW2
		16,000 × g, 15 s	16,000 × g, 15 s
	2nd wash	250 µL MW2	200 µL MW2
		16,000 × g, 1 min	16,000 × g, 5 min
	8 Elute highly pure RNA	 30–50 µL RNase-free H ₂ O RT, 1 min  16,000 × g, 1 min	 5–30 µL RNase-free H ₂ O RT, 1 min  16,000 × 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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