

User manuals

NucleoSnap® Plasmid Midi**740494 / .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/\(241\)740494](https://qr.mn-net.com/qr/(241)740494)

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/\(IFU\)740494](https://qr.mn-net.com/qr/(IFU)740494)

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. 03)

Plasmid DNA purification

NucleoSnap® Plasmid Midi		
1 Harvest bacterial cells		4,500 – 6,000 x g 4 °C, ≥ 10 min
2 Resuspend bacterial cells		5 mL SN1 Resuspend bacterial cells completely
3 Lyse cells		5 mL SN2 RT, max. 2 min
4 Neutralize		5 mL SN3 Mix thoroughly until colorless
5 Clarify lysate		Transfer lysate to NucleoSpin® Plasmid Filter Column 3,000 x g, 2 min Discard Plasmid Filter Column
6 Precipitate DNA		7 mL SN4 Mix
7 Filtrate DNA	 Vacuum	Load onto Snap Column -0.3 bar* (passage approx. 2 – 3 min)
8 Wash silica membrane	 Vacuum	
1 st wash		2 mL SN5 – 0.3 bar*
2 nd wash		4 mL SN6 – 0.3 bar*
9 Dry silica membrane		Remove upper column part and discard 10,000 x g, 1 min
10 Elute DNA		200 – 500 µL SNE 10,000 x g, 1 min

* Reduction of atmospheric pressure

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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