

User manuals

NucleoSpin® 96 Flash**740618/.2/.4/.24**

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/\(241\)740618](https://qr.mn-net.com/qr/(241)740618)

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/\(IFU\)740618](https://qr.mn-net.com/qr/(IFU)740618)

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

High-copy plasmid purification – manual processing

Please check the user manual if your centrifuge and setup meets the requirements for centrifuge processing of 96-well plates.

	200 µL sample
1 Cultivate and harvest bacterial cells	1.5 mL–5 mL LB or up to 2.5 mL 2 × YT or TB 1,000 × g, 10 min
2 Resuspend bacterial cells	300 µL F1 Mix or shake
3 Lyse bacterial cells	300 µL F2 RT, 2–5 min (Optional: shake)
4 Neutralize	300 µL F3 (Optional: mix or shake) Prepare vacuum manifold for lysate clearing step
5 Heat incubation (optional)	100 °C, 5 min
6 Transfer crude lysates to NucleoSpin® Flash Filter Plate	
7 Clear crude lysates directly into Squarewell Block	-0.2 to -0.4 bar*, 1–5 min or 1,500 × g, 1–5 min
8 Precipitate DNA	630 µL isopropanol (0.7 volumes) ≥ 2,500 × g, 15 min
9 Wash pellet	700 µL ethanol (70 %) ≥ 2,500 × g, 3 min
10 Dry pellet	55 °C, 10 min
11 Resuspend DNA	20–50 µL FE

* 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.

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