

NucleoMag® SEP Mini



Dear valued customer,

Thank you for choosing MACHEREY-NAGEL for your application.

This product is for research use only.

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/\(241\)744901](https://qr.mn-net.com/qr/(241)744901)

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Product description

The NucleoMag® SEP Mini magnetic separator is designed for rapid manual purification of nucleic acids using the NucleoMag® kits. NucleoMag® kits are based on MACHEREY-NAGEL's magnetic-bead technology and allow rapid simultaneous purification of high-quality nucleic acids.

Follow the QR-code for more information on MACHEREY-NAGEL's magnetic bead based kits.

The NucleoMag® SEP Mini consists out of two pieces, a Polytetrafluorethylen (PTFE) base holding the magnetic material and a removable top part, which is able to accommodate up to 12 standard 1.5 mL or 2 mL reaction tubes.

Safety and care

Caution: The NucleoMag® SEP Mini contains strong permanent magnets. Handle the magnetic separator with care and do not attempt to disassemble the NucleoMag® SEP Mini. Avoid direct contact with the magnet material and keep loose ferrous material away. Never allow magnets near a person with a peacemaker or similar medical aid. The strong magnetic fields of the magnet can affect the operation of such devices. Magnets should never be burned.

Avoid contact of the magnetic separator with magnetic-sensitive devices or media such as (but not limited to) watches, credit cards, tapes and sensitive electronic devices away from the separator unit. Maintain distance between two or more magnetic separators.

Care: Do not autoclave. If necessary, clean the NucleoMag® SEP Mini by rinsing it with water or 70 % ethanol or by wiping off dirt and liquids with a towel. NucleoMag® SEP Mini is resistant to diluted acetic acid, ethanol, guanidine-HCl, NaCl, NaOH, and SDS. However, prolonged exposure of the separator to these chemicals should be avoided.

Use of NucleoMag® SEP Mini

The design of the NucleoMag® SEP Mini enables efficient magnetic separation for high- or low volume samples. The removable top part allows the quick resuspension of magnetic beads by vortexing without removing the reaction tubes from the top part.

Separation of magnetic beads

Place the removable top part holding the 1.5 mL or 2 mL reaction tubes gently on the base part. Allow the magnetic beads to separate.

Resuspension of magnetic beads

Remove the top part with the closed reaction tubes from the base part. Resuspension can occur either individually per tube (e.g. by pipetting up and down) or by placing the top part on a vortex mixer or shaking device.

Note: Two NucleoMag® SEP's Mini can be combined in order to increase throughput resulting in a microtiter plate footprint (e.g. SBS-format). Thereby, two top parts can be placed on a typical microtiter plate shaking device.

Follow the QR-code for more information



Ordering information

Product	REF	Pack of
NucleoMag® SEP Magnetic separator for 96-well plates	744900	1
NucleoMag® SEP Mini Magnetic separator for 1.5 mL or 2 mL tubes	744901	1
NucleoMag® SEP Maxi Magnetic separator for 50 mL tubes	744902	1

Safety instructions

When working with this product, wear suitable protective clothing (e.g., lab coat, disposable gloves, and protective goggles).

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

Product use restriction / warranty

All MACHEREY-NAGEL products are designed for their intended use only. They are not intended to be used for any other purpose. The description of the intended use of the products can be found in the original MACHEREY-NAGEL product leaflets. Before using our products, please observe the instructions for use and the safety instructions from the respective Material Safety Data Sheet of the product.

This MACHEREY-NAGEL product is carrying documentation stating specifications and other technical information. MACHEREY-NAGEL warrants to meet the stated specifications. The provided warranty is limited to the data specifications and descriptions as given in the original MACHEREY-NAGEL literature. No other statements or representations, written or oral, by MACHEREY-NAGEL's employees, agents or representatives, except written statements signed by a duly authorized officer of MACHEREY-NAGEL are authorized. They should not be relied upon by the customer and are not a part of a contract of sale or of this warranty.

Liability for all possible damages that occur in any connection with our products is limited to the utmost minimum as stated in the general business terms and conditions of MACHEREY-NAGEL in their latest edition which can be taken from the company's website. MACHEREY-NAGEL does not assume any further warranty.

Products and their application are subject to change. Therefore, please contact our Technical Service Team for the latest information on MACHEREY-NAGEL products. You may also contact your local distributor for general scientific information. Descriptions in MACHEREY-NAGEL literature are provided for informational purposes only.

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