

NucleoMag[®] SEP Mini

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2 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.

3 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.

4 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



5 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

6 Product use restriction / warranty

NucleoMag® SEP Mini is intended, developed, designed, and sold FOR RESEARCH PURPOSES ONLY, except, however, any other function of the product being expressly described in original MACHEREY-NAGEL product leaflets.

All goods have to be checked immediately upon receipt. Damage claims are only acceptable in writing within 8 working days of receipt of all the goods. In case of legitimate claims the buyer can only require replacement of the goods. If replacement is not possible, the buyer has the right to choose between alternative products with same value or refund. The buyer cannot claim further compensation. All returns must first be authorized by us in writing. We offer a one year warranty from date of delivery that our products will conform to applicable specifications set forth in the product specifications if not sold to persons set forth in § 13 of German Civil Code. In such a case, the provisions of the German Civil Code shall be valid. This warranty does not cover defects in or damage to the products which are due to improper installation or maintenance, misuse, neglect or any use other than ordinary commercial application. Any discharge from liability will be void if a defect results from a heavily negligent or intentional breach of contract or if the buyer will be bodily injured as a result from a negligent or intentional breach. The seller shall not be liable for the goods being fit for a particular purpose unless otherwise agreed upon, to which the buyer intends to put them.

This warranty is strictly exclusive. Any further damage compensation is impossible.

MACHEREY-NAGEL MAKES no other warranty of any kind whatsoever, and SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES OF ANY KIND OR NATURE WHATSOEVER; DIRECTLY OR INDIRECTLY; EXPRESS OR IMPLIED; INCLUDING; WITHOUT LIMITATION; AS TO THE SUITABILITY; REPRODUCIBILITY; DURABILITY; FITNESS FOR A PARTICULAR PURPOSE OR USE; MERCHANTABILITY; CONDITION; OR ANY OTHER MATTER WITH RESPECT TO MACHEREY-NAGEL PRODUCTS OR THE SALE OF MACHEREY-NAGEL PRODUCTS.

If not superseded by these terms the current terms and conditions for the sale of goods (export version) are additionally valid.