

MACHEREY-NAGEL

What's New?

Bioanalysis



New products for your specific needs

- Reliable solutions for DNA and RNA extraction
- Advanced alternatives for trusted products
- Reproducible results through standardized processes

MACHEREY-NAGEL

www.mn-net.com



What's new at MACHERY-NAGEL?

Elevate your DNA/RNA research in 2026

Start the year 2026 with a fresh perspective on your bioanalytical workflows, as we continuously provide you with new and improved tools that exceed industry standards. Last year we focused again on elevating our existing portfolio to new heights, while being mindful of customer's needs. Beyond just providing high quality products, we want to assist you in confidently establishing new methods and solving complex challenges. Explore our latest portfolio and find the perfect addition to your lab!



NucleoVerde® Gel and PCR Clean-up

A cleaner future for science: sustainable practices in molecular biology

As sustainability becomes increasingly important, life science companies face the challenge of reducing environmental impact while maintaining the high standards researchers rely on. The NucleoVerde® Gel and PCR Clean-up kit was developed as a more environmentally responsible alternative to the trusted NucleoSpin® Gel and PCR Clean-up kit. While sustainability was the main goal, performance was never compromised. NucleoVerde® uses the same silica membrane technology as the NucleoSpin® Gel and PCR Clean-up kit and has undergone extensive validation to ensure equivalent results for gel extraction and PCR clean-up.



NucleoMag® X32

Automation made easy!

Automating nucleic acid purifications transforms your workflow by saving time, reducing hands-on steps, and delivering consistent, reproducible results. The NucleoMag® X32 is a magnetic-rod-based system designed to process up to 32 samples, offering a dependable solution for medium-throughput research environments. With verified, walk-away protocols, and an intuitive software, the NucleoMag® X32 simplifies routine extraction tasks and improves overall productivity. Together with our NucleoMag® portfolio, the NucleoMag® X32 offers the perfect match for automation of nucleic acid purifications.



NucleoSpin® Plasmid Transfection-grade Plus

Take your purification workflow to the next level!

The new NucleoSpin® Plasmid Transfection-grade Plus kits represent the next steps in silica-based plasmid purification solutions that deliver higher plasmid yields and extremely low endotoxin levels. Available in both single spin kits and 96-well plate formats for high-throughput demands, NucleoSpin® Plasmid Transfection-grade Plus provides the reliability and flexibility required for modern research and bioproduction workflows.



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<https://www.mn-net.com/de/bio-news/>



What's new at MACHERY-NAGEL?

NucleoMag® RNA/DNA Pro

Take your purification workflow to the next level!

Discover the next generation of nucleic acid purification with NucleoMag® RNA Pro and NucleoMag® RNA/DNA Pro. Designed for rapid and efficient small-scale preparation, these kits deliver highly pure RNA or RNA/DNA from a wide range of sample types, including up to 20 mg of tissue, 40 mg of plant leaf material, or 2×10^6 cells. Optimized for both manual workflows and automation, NucleoMag® RNA Pro offers unparalleled flexibility. Streamline your lab with automation platforms such as liquid handling or magnetic rod systems and extract your nucleic acids in as little as 90 minutes.



NucleoMag® HMW DNA

High molecular weight DNA for long-read sequencing

HMW DNA plays a crucial role in various experimental procedures due to its unique characteristics. One primary application of HMW DNA is in genomic sequencing. Its long fragments facilitate the sequencing process, especially in regions with repetitive sequences, ensuring more accurate genome assembly. HMW DNA serves as an excellent substrate for technologies like PacBio and Nanopore sequencing. The new NucleoMag® HMW DNA kit is automation-friendly and DNA can be extracted from various sample types including cells and tissue, plants, blood, saliva, swabs, bacteria, and yeast.



NucleoBond® RS

Preparative scale isolation of vaccine-grade plasmid DNA

The increasing need for high-quality plasmid DNA is driven by advancements in cell and gene therapy and vaccine production, particularly for mRNA-based vaccines and gene therapies. The NucleoBond® RS columns are designed for large scale isolation of vaccine-grade plasmid DNA from bacterial cultures, utilizing peristaltic pumps or FPLC systems to meet the highest quality requirements. Plasmid DNA with endotoxin levels ≤ 0.01 EU/ μ g DNA can be isolated. In addition, the RS columns are also suitable for preparative scale RNA Clean-up from pre-purified RNA or IVT reactions.



NucleoSpin® Plant Pathogen

Catch plant infections before they spread!

Effective plant disease management begins with rapid and accurate detection, starting at the molecular level. Extracting high-quality RNA or DNA from infected plant tissues is essential for reliable results. The NucleoSpin® Plant Pathogen kit offers efficient isolation of viral nucleic acids from a wide range of plant materials, including challenging plant types like tobacco, pepper and hemp. Our kit provides consistent RNA/DNA yields, ensuring dependable performance and sensitivity across complex plant tissues.



NucleoMag® Plasmid

Automated plasmid purification with transfection-grade purity

Plasmid DNA serves as an important tool in genetic research, allowing scientists to manipulate genes for various purposes, understand biological processes, and develop novel therapies. The NucleoMag® Plasmid kit presents an effective solution by simplifying the plasmid isolation process using automatable magnetic bead technology. This innovative kit streamlines the extraction process while maintaining the purity and quality necessary for scientific investigations.

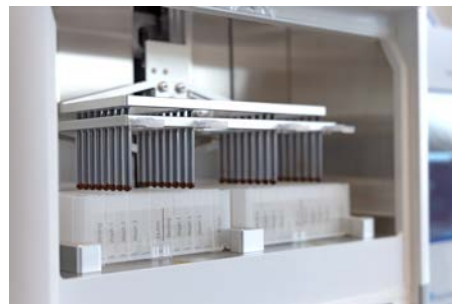


What's new at MACHERY-NAGEL?

NucleoMag® Prefilled Plates

Convenient ready-to-go DNA extractions

One of the purposes of automation is to alleviate the work load of researchers in the laboratory. Yet, preparing samples and reagents for automated nucleic acid extraction can still require a significant amount of time, before the machine can take over. We address that crux with our NucleoMag® Prefilled Plates. As the name implies, reagents come prefilled and sealed on a deep-well plate, compatible with MN extraction platforms. These kits come with everything you need for the sample preparation, so you can get started right away!



NucleoSpin® 96 RNA Plant and Fungi

Universal kit for challenging plant and fungal samples

Plant and fungal material is diverse in terms of structure, cell wall composition, biochemical compounds and the types of organs. Common products for RNA isolation from plant material are typically sufficient for samples such as Arabidopsis leaves, but fail to effectively purify RNA from challenging samples. The NucleoSpin® 96 RNA Plant and Fungi kit efficiently purifies high-integrity RNA from samples containing secondary metabolites, sugars, and starches that can interfere with nucleic acid purification. It allows RNA isolation from various plant organs, including seeds, roots, stems, and needles, as well as standard samples like Arabidopsis leaves.



Ordering information

Product	Pack of/Preps	REF
■ NucleoMag® Plasmid	1 × 96 / 4 × 96	744750.1 / .4
■ NucleoSpin® Plasmid Transfection-grade Plus	10 / 50 / 250	740500.10 / .50 / .250
■ NucleoSpin® 96 Plasmid Transfection-grade Plus	1 × 96 / 4 × 96	740501.1 / .4
■ ■ NucleoBond® RS 10	5 columns	743502
■ ■ NucleoBond® RS 50	1 column	743503
■ ■ NucleoBond® RS 100	1 column	743504
■ ■ NucleoBond® RS 200	1 column	743505
■ NucleoVerde® Gel and PCR Clean-up	50 / 250	740880.50 / .250
■ NucleoSpin® Plant Pathogen	10 / 50	740170.10 / .50
■ NucleoMag® Pathogen Prefilled Plates	6 × 16	744211
■ NucleoMag® VET Prefilled Plates	6 × 16	744209
■ NucleoMag® Blood 200 µL Prefilled Plates	6 × 16	744510
■ NucleoMag® Tissue Prefilled Plates	6 × 16	744302
■ NucleoMag® HMW DNA	1 × 96 / 4 × 96	744160.1 / .4
■ ■ NucleoMag® RNA/DNA Pro	1 × 96	744370.1
■ NucleoMag® RNA Pro	1 × 96 / 4 × 96	744360.1 / .4
■ NucleoSpin® 96 RNA Plant and Fungi	1 × 96 / 4 × 96	740128.1 / .4
■ NucleoMag® X32	1	747020

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MACHERY-NAGEL



Management System
 EN ISO 13485:2016
 ISO 9001:2015



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