

Product code: 2MN-PLT-96 Lot Number:

MAGneat Plant gDNA Extraction Kit

P. Code	Size in 96 Rxn	Component	Description	Lot Number	Expiry
MN-PLB-96	52 mL	Plant Lysis Buffer	Buffer optimised for plant tissue digestion.		
MN-PPK-96	1 vial	Proteinase K	Enzyme for protein digestion and DNA release.		
MN-PRN-96	1 vial	RNase A	Enzyme for RNA digestion.		
MN-PPS-96	36 mL	Plant Precipitation Solution	Solution for lysate preparation.		
MN-PBB-96	14 mL	Plant Binding Buffer	Buffer to facilitate DNA binding to magnetic beads.		
MN-PMB-96	3 mL	MAGneat Magnetic Beads	Magnetic beads for DNA capture and purification.		
MN-PWBO-96	28 mL	Plant Wash Buffer 1	Buffer for contaminants removal.		
MN-PEB-96	21 mL	Plant Elution Buffer	Buffer for DNA release and storage.		

Applications

- PCR and qPCR (quantitative PCR)
- Next Generation Sequencing (NGS)
- Sanger Sequencing
- Methylation and Epigenetic Analysis
- Genotyping and SNP Analysis
- Comparative Genomic Studies

Product Description

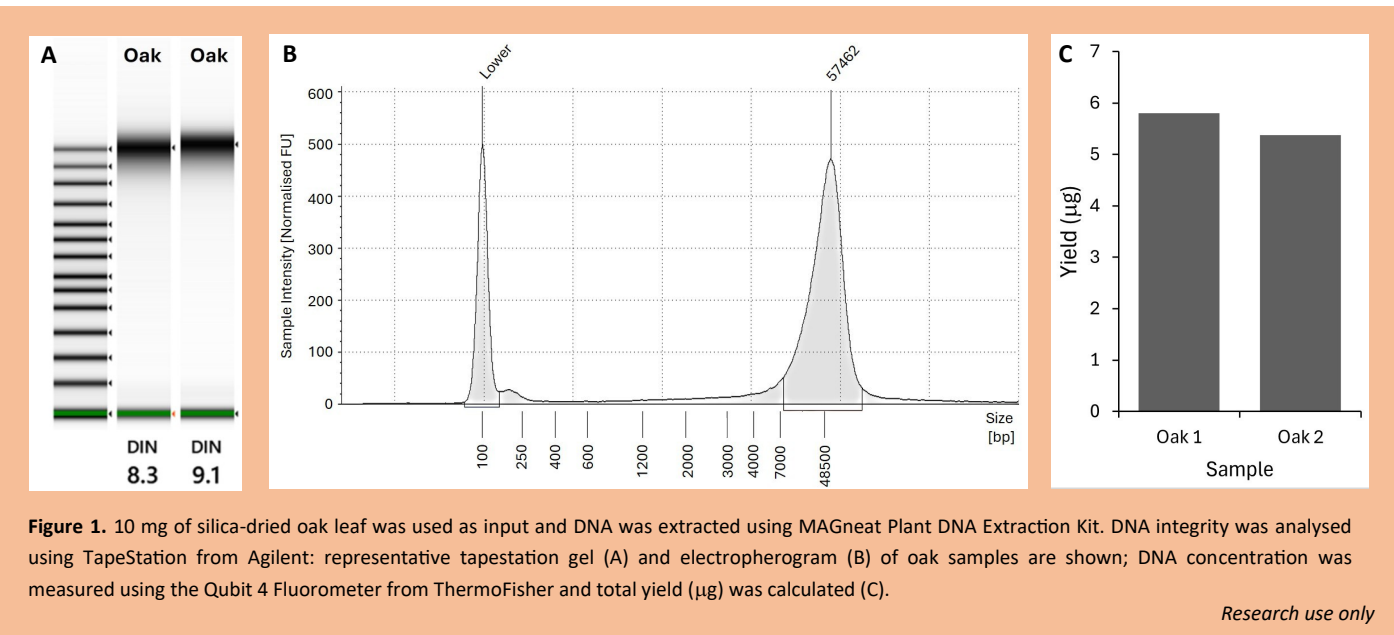
Plant tissues are known for their challenging composition: rich in polysaccharides, polyphenols, and other secondary metabolites that can interfere with DNA isolation. The MAGneat Kit provides a consistent and efficient solution, minimising such contaminants to produce highly pure DNA. With its high-binding capacity and rapid magnetic response, the system ensures reproducible results and can be easily adapted for automated workflows.

The MAGneat Plant gDNA Extraction Kit is designed for rapid and reliable purification of high-quality genomic DNA from a wide range of plant species. Utilising advanced magnetic bead technology, this kit delivers robust yields of high-molecular-weight DNA suitable for a variety of downstream applications, including PCR, long-read sequencing, restriction enzyme digestion, and other molecular biology workflows.

Key Features

- High-Quality DNA – MAGneat magnetic bead technology isolates high molecular weight DNA suitable for demanding applications.
- Exceptional Purity – Microzone’s proprietary buffer system removes contaminants and inhibitors, ensuring DNA suitable for sensitive downstream analyses.
- Automation Ready – Magnetic bead-based workflow enables easy integration into automated extraction platforms.

Follow the Instructions of Use (IFU) manual for a detailed guide on the kit and recommended protocols.



If you would like to evaluate the kit please contact Microzone.

Note: If you intend to automate using a liquid handler or a magnetic processor please contact Microzone for specific recommendations and support.

Simple | Effective | Efficient