

ARPENspin Plant Genomic DNA Extraction Kit

Extract high-quality DNA from plant tissues including samples rich in polysaccharides and polyphenols in 40 minutes

Description

This kit enables fast, simple, and cost-effective isolation of high-molecular-weight genomic DNA from plant tissues including samples rich in polysaccharides and polyphenols. Using ARPENspin membrane technology, the workflow takes under 40 minutes, requires no specialized equipment, and avoids toxic reagents.

From up to 100 mg of tissue, the kit typically yields 1–30 µg of pure DNA suitable for PCR, real-time PCR, sequencing, Southern blotting, SNP, and mutation analysis.

Key Benefits We Deliver



Fast and Simple procedure

Designed for speed and simplicity, the procedure is completed within 40 minutes and provides high-quality DNA with recovery rates reaching 90%.



Broad Plant Compatibility

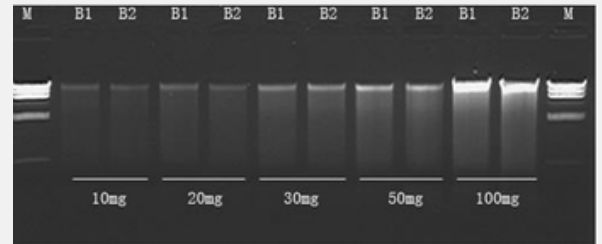
High-molecular-weight genomic DNA isolation from diverse plant tissues, including polysaccharide- and polyphenol-rich samples such as leaves, roots, stems, soybeans, and corn.



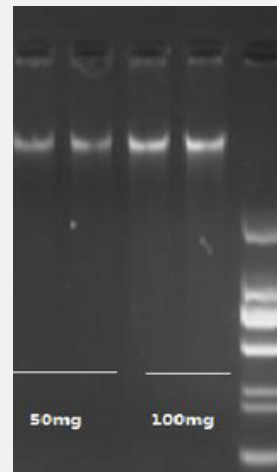
Safe & non-toxic

The protocol avoids phenol, chloroform, and other organic solvents, using instead a safe, non-toxic solution that supports a safer and more user-friendly workflow.

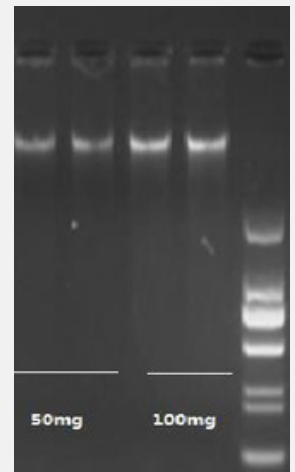
Proven Performance



Rice leaf genomic DNA extraction, sample is 10mg - 100mg rice leaf

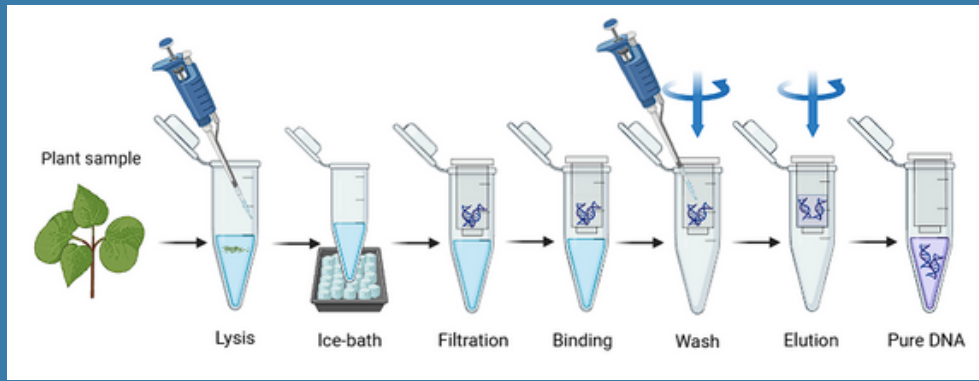


Sample: *Photinia x fraseri* Dress



Sample: *Larix gmelinii* (Rupr)

Genomic DNA extraction from plants containing polysaccharides and polyphenols.



Product Information

Features	Specifications
Sample	plant tissues, including polysaccharide- and polyphenol-rich samples such as leaves, roots, stems, soybeans, and corn
DNA Concentration (ng/μL)	20-100 ng/μL
Yield	High purity DNA
Extraction technology	Spin Column
Storage Conditions	Store at 25°C

Ordering Information

Product Name	Catalog Number	Package
ARPENspin Plant Genomic DNA Extraction Kit	ARP-PGDES50	50T