

Viogene[®] Plant Genomic DNA Extraction System

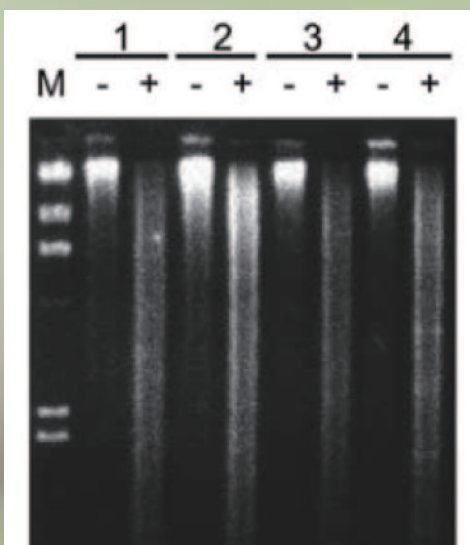
Tools for Genomics

Viogene® Plant Genomic DNA Extraction System

Viogene® Plant Genomic DNA Extraction systems uses silica-gel membrane technology for simple and fast isolation of Genomic DNA without phenol/chloroform or ethanol precipitation. Homogenisation is not necessary as tissues are lysed directly by Proteinase K and filtered via a shearing tube.

This simple spin-column method isolates plant genomic DNA of approx 20-30 kb fragments and is free of contaminants from phenol/chloroform extraction and ethanol precipitation.

Specially designed for rapid isolation of genomic DNA from various plant species or fungi (including virus, chloroplast or mitochondria)



0.8% agarose gel showing genomic DNA extracted from different plants using Viogene's Plant Genomic DNA Extraction Systems. M: λ HindIII DNA ladder; lane 1, Arabidopsis; lane 2, rice; lane 3, tobacco; lane 4, tomato. One μ g of genomic DNA was digested with 5 units of EcoRI at 37 °C overnight (lane +) or without digestion (lane -).

Downstream Applications:

- Restriction digestion
- Southern blotting
- RAPD, RFLP
- PCR, Real-time PCR

Features & Benefits:

- Shearing tube to facilitate simple and fast, homogenization and pre-filtration of samples
- Pure DNA free of contaminants & enzyme inhibitors
- Rapid isolation of ready-to-use DNA, without the need of organic extraction

Ordering Information

Product	Package	Contents	Cat. No.
Viogene® Plant Genomic DNA Miniprep Extraction System	50 preps	50 Plant Genomic DNA Mini Columns, RNase A, Buffers	GPG1001
	250 preps	250 Plant Genomic DNA Mini Columns, RNase A, Buffers	GPG1002
Viogene® Plant Genomic Maxiprep Extraction System	20 preps	20 Plant Genomic DNA Maxi Columns, RNase A, Buffers	GPGM1001

NO.10109A