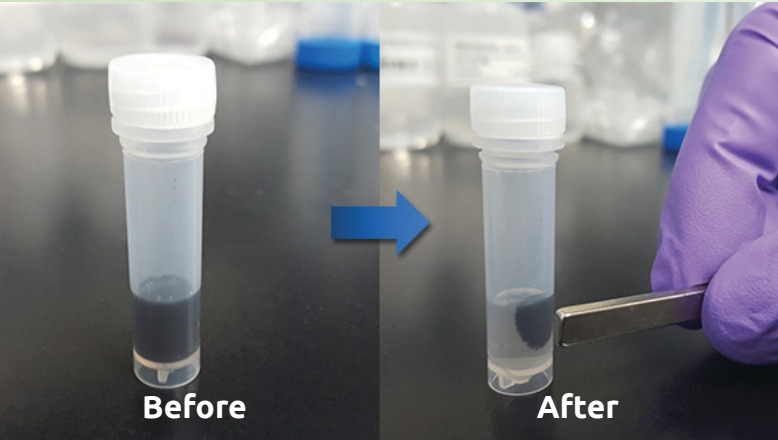


High Throughput Plant DNA Isolation Kit



Magnetic Bead System - Automation



- ✓ Isolate high quality and quantity DNA from a wide range of plant species
- ✓ Fast and easy processing using a magnetic bead system
- ✓ Robust Lysis System for the most challenging sample types
- ✓ Consistent, high yields of inhibitor-free DNA

Plant DNA can either be isolated from fresh or frozen plant samples. Once the sample is homogenized in our robust lysis buffer, Magnetic Bead Suspensions are added to the sample and then placed on the magnetic separation rack.

Only the DNA will bind to the magnetic beads, while most of the proteins will be removed in the supernatant. The bound DNA is then washed in order to remove any remaining impurities, and the purified total DNA is eluted inhibitor-free.

High Integrity DNA

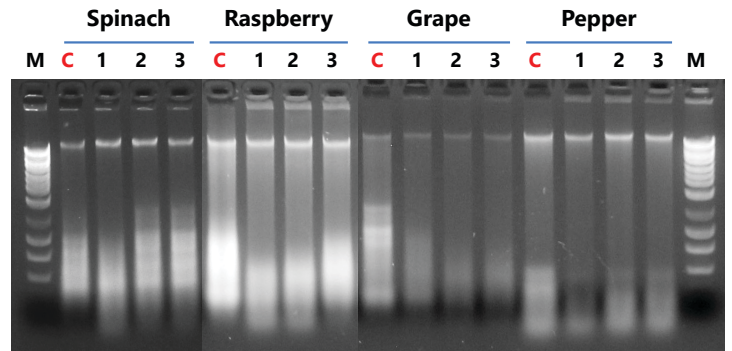


Figure 1. Resolution of DNA Isolated from four different plant species.

Application Ready DNA

Genotyping

DNA Microarray

Next-Gen Sequencing

SNP Analysis

Consistent Isolation of High Quality DNA

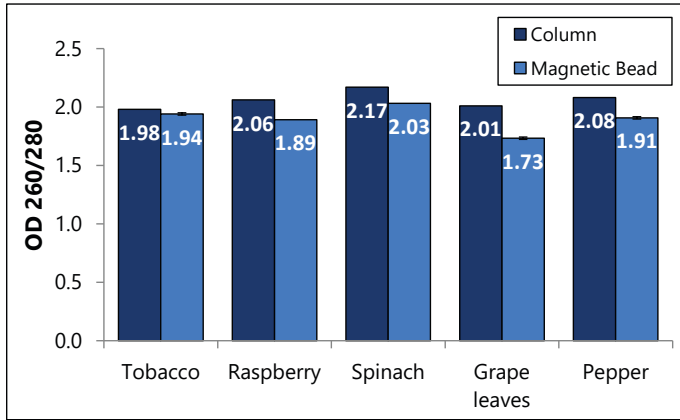


Figure 2. High DNA Quality.

Inhibitor-Free DNA Confirmed by Real-Time PCR

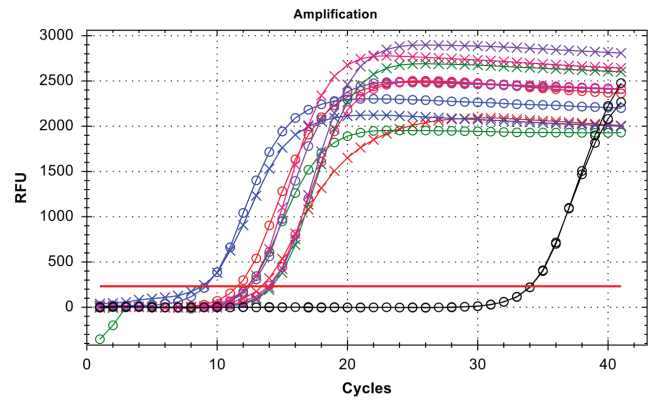


Figure 3. High Quality DNA confirmed by Real-time PCR.

The Most Robust Kit on the Market



Work with the plant species of your choice.
Excellent prices and after sale technical support.

Ordering information

Description	Size	Cat. Number
Plant DNA Isolation Kit (Magnetic Bead System)	50 preps	58200
Plant/Fungi DNA Isolation Kit	50 preps	26200
Plant RNA/DNA Purification Kit	50 preps	24400

v3.0

