

magtivio



MagSi-DNA Plant CLS

*Extraction of Genomic DNA
from Plant Cotyl, Leaf and Seed*

A single kit for optimized plant DNA extraction results and improved workflow efficiency

The **new MagSi-DNA Plant CLS** kit allows fast and cost-effective extraction of DNA from any plant tissue type. **CLS** stands for Cotyl, Leaf and Seed, which are the most commonly used sample types in plant breeding. The **MagSi-DNA Plant CLS** kit contains all the components necessary to optimize your specific DNA extraction procedure, with regards to yield, purity, and working volumes. The kit can be used on any open DNA extraction robot or liquid handling system. The extraction chemistries are already validated on many different plant species.

Features

- Kit is especially designed for workflow efficiency
- Contains different lysis (and other) buffers to isolate DNA from cotyl, leaf or seed samples
- Preparation time for 96 samples: 25 min. after lysis
- High yields and excellent DNA purity
- Suitable for downstream applications such as SNP genotyping by PCR or NGS
- No phenol-chloroform extraction
- Ready-to-use kit
- Fast and convenient protocols that are easily adaptable to high-throughput automation

Table 1. Overview of plant species tested (not exhaustive)

Barley	Melon	Sugar beet
Maize	Asparagus	Tomato
Rice	Cucumber	Turnip
Wheat	Lettuce	Chrysant
Rape	Onion	Gerbera
Soy	Pepper	Kalanchoe
Sunflower	Spinach	Petunia
Strawberry	Squash	Rose



Prefilled (rQ) Magnetic Beads and Binding Buffer

After evaluation and finding the ideal set of reagents for your DNA extraction workflow, we can offer a unique, customized, **prefilled** version of the key components: the magnetic beads and the binding buffer in a microplate.

- Eliminate all beads handling issues
- Save time and costs on reagent addition
- Save costs on beads mixing equipment
- Increase instrument capacity
- Environmentally friendly

Magnetic beads and binding buffer can be supplied in microplates for PurePrep or KingFisher™, or your specific extraction plates (on liquid handling systems).

Ordering Information

Art. No.	Description	Amount
MDKT00260096	MagSi-DNA Plant CLS	96 preps
MDKT00260960	MagSi-DNA Plant CLS	10 x 96 preps
MDKT00260196PF	rQ MagSi-DNA Plant CLS *	96 preps
MDRQ00015096PF	rQ CLS Extraction plate **	50 pcs

* This kit contains a prefilled extraction plate with beads and binding buffer suited for KingFisher™ and PurePrep 96

** This prefilled extraction plate contains beads and binding buffer suited for KingFisher™ and PurePrep 96

Ask for our customized, bulk options and accessory products (e.g. Proteinase K and RNase A)

