



## GENESpin

High-quality DNA is the prerequisite for the success of subsequent analytical methods, e.g. PCR testing.

GENESpin provides an optimal lysis and DNA extraction system for food samples. Resulting eluates are mostly ready-to-use for all types of subsequent detection methods, in particular real-time and conventional PCR. GENESpin silica membrane spin technology allows fast and effective purification of nucleic acids from various matrices. The silica membranes are optimised for high DNA recoveries and low binding efficiencies for impurities.

For real-time PCR applications an additional DNA purification with our DNA Cleaning Columns following the DNA extraction may be recommendable for DNA from food samples with strong inhibition potential.

### Kit Specifications

- Kit for 50 DNA extractions
- Recommended sample types: food and feed samples
- Silica-based columns
- Fast: DNA extraction in less than two hours
- Comfortable handling
- For extraction from 200 mg sample
- Yields very pure DNA suitable for PCR and real-time PCR applications
- High DNA yield: typically 0.1 – 10 µg

### Kit Components

- GENESpin Lysis Buffer
- GENESpin Binding Buffer
- GENESpin Wash Buffer 1 and 2
- GENESpin Elution Buffer
- GENESpin Proteinase Buffer
- GENESpin Proteinase K
- GENESpin Columns
- Collection tubes

### Ordering Information

Cat. no	Kit
5224400605	GENESpin DNA extraction kit for 50 food or feed samples
5224400610	GENESpin 10x 10 DNA extraction kits for 50 food or feed samples each
5224400630	GENESpin 30x 30 DNA extraction kits for 50 food or feed samples each
5224400650	GENESpin 50x 50 DNA extraction kits for 50 food or feed samples each

### Further Kits within This Field

- **DNA Cleaning Columns**  
For the purification of DNA and removal of inhibitory substances
- **DNA Extractor**  
Recommended for raw materials, i.e. grains and seeds and soy products