

– Client Information Sheet –

Genetic ID offers a wide range of PCR tests that are **UKAS¹ accredited to ISO 17025 standards** that can be customized to meet a client's needs. Each test employs duplicate DNA extraction, duplicate PCR reactions and exacting control reactions. These are just some of the steps that make *Genetic ID's* GMO analysis one of the most robust available. Equally important are our solution-oriented *Genetic ID* account managers who work in partnership with you to help meet often-complex GMO related challenges. *Genetic ID* has the expertise and technological capabilities to build a custom test to suit your company's specific GMO detection requirements. If you have questions or requirements not addressed by the services listed here, please contact a *Genetic ID* account manager for more information.

Test Selection

Selection of the proper test involves many considerations, including your sample type, the likely sources of GMO, turnaround time needed, buyer requirements, export markets, and government regulations. The primer sets you choose will depend on your product, whether it is a broad-spectrum (cross species) or single species sample. We recommend that you consult one of our account managers before making your testing decision. Their expertise will help you arrive at the most effective and economical solution for your specific testing requirements.

GMO Detection Categories

1. **Single-Species GMO detection** provides total GMO content of a single species and is most suitable for products such as grains, flours, soy isolates, etc., where there is a single source of GMO.
2. **Broad-Spectrum (cross species) GMO detection** determines GMO content from one or more sources of GMO. It is useful for determining GMO content in multiple ingredient products, but it will not identify the genetically modified species or variety.
3. **Variety-Specific GMO detection** identifies individual GMO varieties such as StarLink[®] corn.

Levels of Quantitation (Definitions)

1. **Qualitative Analysis** reports presence or absence of GMO, but will not quantify how much GMO is present.
2. **Threshold Analysis** reports GMO content above or below a threshold. (e.g. .01%)
3. **Semi-Quantitative Analysis** reports GMO content above, below, or between two or more thresholds. (e.g. .01% and .1%)
4. **Real-Time Quantitative Analysis** reports precise quantitative results of GMO content.

Turnaround Times

Standard Analysis 3 – 5 Business Days (most sample types)

Express Analysis 24 hours results are available by 12:00 (CET) on the following workday (business days).

* Sample delivery must arrive before 12:00 (CET) from Monday through Friday, (most sample types)

Please note: Express processing available by prior arrangement only.

Rapid Analysis 36 hours results are available by 24:00 (CET) on the following workday (business days).

Sample delivery must arrive before 12:00 (CET) from Monday through Friday, (most sample types).

Multiple Tests on the Same Sample

If a sample requires more than one test, the additional testing fees may be reduced if no further DNA extraction is required. When ordering multiple tests, either concurrently or as an upgrade, please call for more information.

Additional Price Considerations

1. **Volume Discounts are Available. Please talk with one of our account managers.**
2. **Other considerations as noted on individual price sheets.**

Note: All trademarks referred to in this price list are the property of their respective owners.

¹United Kingdom Accreditation Service

