



Eurofins Technologies Animal Species Kits

Authenticity Testing

Animal species identification in food and feed products has increasingly acquired importance due to public health, economic and legal concerns. Even religious and ethical criteria can be at risk in the case of food adulteration.

To verify the authenticity of products, food testing laboratories need reliable methods, which can answer these questions.

The application of specific methods can determine if lower-priced substitutes replace premium products such as chicken instead of turkey or cow milk instead of goat milk.

Confidence that vegetarian or vegan food contains no trace of animal products is essential to brand integrity.

DN*Animal* Kits for Your Lab

Eurofins Technologies through its subsidiary Eurofins GeneScan offers the DN*Animal* product line as a broad spectrum of sensitive real-time PCR kits for the most important domestic animal species as well as for some specific applications like halal testing.

DN*Animal* Screen

- Kits cover different taxonomic groups
- Application for various food and feed relevant testing strategies, i.e. to test vegan or vegetarian food

DN*Animal* Ident

- For identifying or excluding individual animal species

Eurofins Technologies Animal Species Kits



Versatile Technology

Eurofins GeneScan Technologies Kits:

- Are validated on industry-leading thermocyclers
- Contain an IPC (internal positive control) to exclude false-negative results
- Have undergone extensive specificity and sensitivity validation
- Produce robust and reliable results

Most *DNA* kits detect the species or taxonomic group in question with a sensitivity of 0.01%, some specific kits (e.g., the *DNA Ident Pig HS*) detecting mitochondrial targets are even more sensitive.

Eurofins Technologies Diagnostic Kits

We offer a broad range of product test kits covering:

- Allergens
- Foodborne Pathogens
- GMOs
- Mycotoxins
- Veterinary Drugs Residues
- Veterinary Diagnostics
- Environmental & Water Testing.

With our strategic partner Gold Standard Diagnostics, we offer a combined solution with industry-leading, fully-automated ELISA-based instruments (Thunderbolt, Bolt).

DNA Kits Portfolio

The following *DNA* applications are available:

- *DNA Screen* Mammal & Bird
- *DNA Screen* Fish (all fish)
- *DNA Screen* Bird (all birds)
- *DNA Screen* Ruminant (all ruminants)
- *DNA Screen* Halal (horse/donkey and pig)
- *DNA Ident* Horse
- *DNA Ident* Donkey
- *DNA Ident* Water Buffalo
- *DNA Ident* Beef
- *DNA Ident* Sheep
- *DNA Ident* Goat
- *DNA Ident* Pork (incl. wild boar)
- *DNA Ident* Pig HS (incl. wild boar)
- *DNA Ident* Chicken
- *DNA Ident* Turkey
- *DNA Ident* Duck
- *DNA Ident* Goose

Additional Products and Services

- DNA extraction kits for different matrices, even for highly processed matrices such as pure gelatin
- Animal species DNA as positive control DNA and meat testing standards with defined percentages
- From online courses to in-house training, a dedicated team is available to provide assistance