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DN*Animal* Kits
Species Testing Made Easy

Authenticity Testing

The globalization of the food market increasingly leads to food adulterations, which oftentimes involve the decreased quality of high quality products. Even religious and ethical criteria can be at risk in the case of food adulteration.

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

The application of specific methods can, for example, determine whether expensive meat or dairy products such as turkey meat or buffalo mozzarella are substituted with lower priced products such as chicken meat or cow milk. For vegetarian or vegan food, the presence of traces of animal products need to be ruled out.

DN*Animal* Kits for Your Lab

The DN*Animal* product line offers 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 or animal species.

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

Setting Standards

Versatile Technology

Eurofins GeneScan Technologies Kits:

- Are validated on the most important cyclers

- Contain an IPC (internal positive control) to exclude false-negative results

- Have undergone extensive specificity and sensitivity validation

- Produce robust and reliable results

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

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 trainings, a dedicated team is available to provide assistance

DN*Animal* Kits Portfolio

The following DN*Animal* applications are available:

- DN*Animal Screen* Mammal & Bird

- DN*Animal Screen* Fish (all fish)

- DN*Animal Screen* Bird (all birds)

- DN*Animal Screen* Ruminant (all ruminants)

- DN*Animal Screen* Halal (horse/donkey and pig)

- DN*Animal Ident* Horse

- DN*Animal Ident* Donkey

- DN*Animal Ident* Water Buffalo

- DN*Animal Ident* Beef

- DN*Animal Ident* Sheep

- DN*Animal Ident* Goat

- DN*Animal Ident* Pork (incl. wild boar)

- DN*Animal Ident* Pig HS (incl. wild boar)

- DN*Animal Ident* Chicken

- DN*Animal Ident* Turkey

- DN*Animal Ident* Duck

- DN*Animal Ident* Goose

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