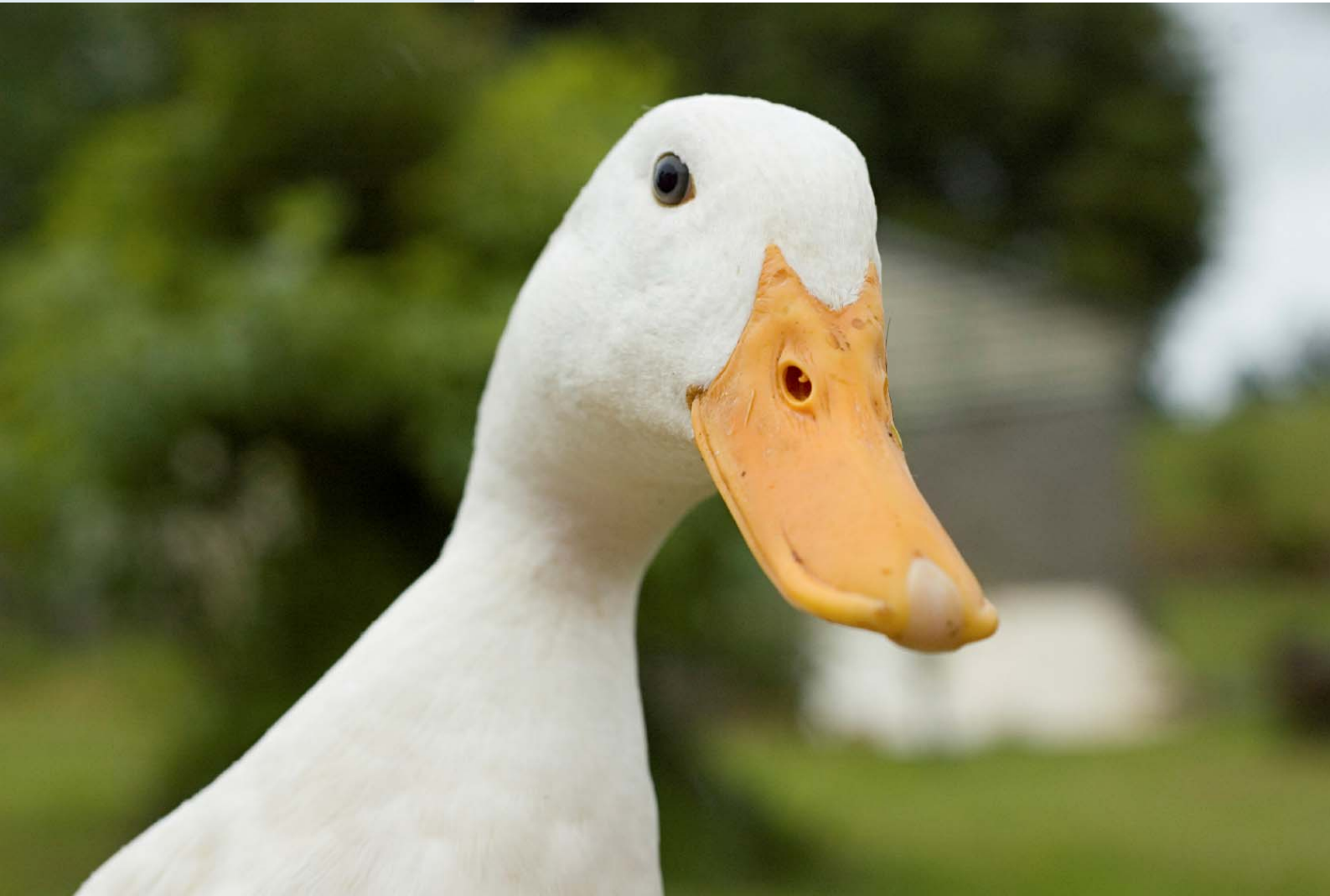


DNAnimal Poultry

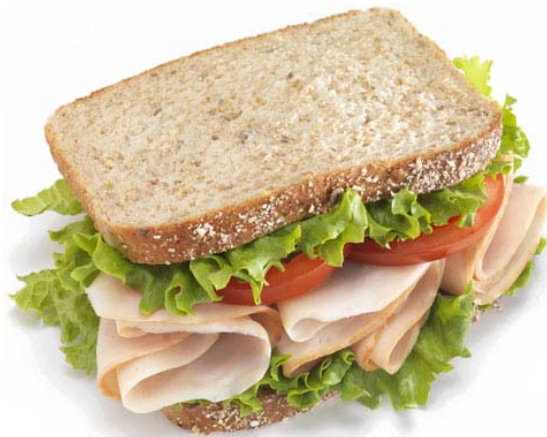
Chicken or turkey, duck or goose?



Ensuring Quality with Animal Species Identification

Animal species identification plays an important role in the quality assurance of food and feed. With the application of specific methods, it can, for example, be verified whether expensive meats are being substituted with lower priced meats. Information regarding particular animal species in food is also interesting to those who are allergic to certain meats, who avoid these for religious reasons or for those who have chosen to completely avoid the consumption of animal products.

With the help of the molecular biology method Polymerase Chain Reaction (PCR), adulterated or contaminated products can be reliably detected. Due to its high specificity, PCR even allows the differentiation of closely related species. Its high sensitivity additionally allows the detection of individual animal species DNA in highly processed products.



Verification of Poultry Products

Does the poultry liver contain goose, duck or another type of poultry? Even in poultry products, adulterations and contaminations cannot be excluded. Specific detection methods help to verify the presence or absence of certain poultry species. Thus, for example, the determination of turkey and chicken could give an indication of adulteration of turkey products with chicken meat. The identification of duck or goose DNA allows for a reliable declaration of the authenticity and quality of high-value food.

Our Portfolio for Poultry Detection

With the *DNA_{Animal}* portfolio for the identification of different poultry species, Eurofins offers a comprehensive service to answer these questions. Besides this, all methods are available as kits for analysis in your own lab.

The following *DNA_{Animal}* applications are available for poultry:

- *DNA_{Animal}* Chicken
- *DNA_{Animal}* Duck
- *DNA_{Animal}* Turkey
- *DNA_{Animal}* Goose
- *DNA_{Animal}* Poultry (chicken, turkey, duck and goose)
- *DNA_{Animal}* Tetrapod (mammals and birds)

Alongside our detections for the identification of poultry, Eurofins offers a large spectrum of further qualitative and quantitative methods for diverse animal species. Please contact us for further information.