

## Animal Species Identification Kits

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.

Unknowingly ingesting an allergenic animal product can be a serious health danger. Additionally, the unknown presence of any animal ingredients in vegetarian food may cause individuals to unknowingly violate their belief system. And the substitution of an inferior animal species in a food product often referred to as "food fraud," has both economic and legal ramifications.

Tianlong Animal Species Identification Kits offer a broad portfolio of real-time PCR-based animal species detection solutions. The range includes assay kits for pig, cow, equine, sheep, donkey, chicken, duck, goose, dog, cat, mouse, deer, and fox DNA in food samples and animal tissues. The assays provide very high sensitivity with a limit of detection (LOD) of 500 copies/mL.

<b>Animal Species</b>							
<b>Detected</b>	✓	✓	✓	✓	✓	✓	✓
<b>Animal Species</b>							
<b>Detected</b>	✓	✓	✓	✓	✓	✓	

## FEATURES



### Wide Coverage

Qualitative detection of animal DNA by Real-time PCR method, providing broad portfolio of animal species detection solutions



### Various Specimen

Food containing animal components, animal tissue or blood, animal feed, meat products, etc.



### Real-time PCR based animal DNA detection

Provides a rapid test solution that detects animal DNA with a high degree of sensitivity and specificity



### Good Compatibility

Widely applicable in instruments with FAM and CY5 channels



### Providing Integrated Solution

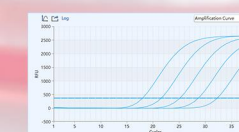
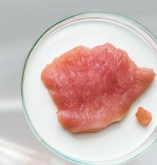
Highly efficient and reliable, Tianlong integrated PCR lab solution from devices to reagents can ensure great compatibility and minimized errors.

## ORDERING INFORMATION

Product Name	Specification	Cat.No
Porcine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P591H
Bovine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P592H
Ovine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P593H
Horse Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P594H
Donkey Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P595H
Chicken Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P596H
Duck Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P597H
Goose Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P598H
Canine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P599H
Feline Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P600H
Murine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P601H
Cervine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P602H
Vulpine Ingredients Nucleic Acid Detection Kit (Fluorescence PCR Method)	50T/Kit	P603H

## ASSAY WORKFLOW

- 1 Sample Collection
- 2 Nucleic Acid Extraction
- 3 PCR Detection
- 4 Analysis and Report



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