

# Avian Influenza Virus Detection Solution

Avian influenza or bird flu refers to the disease caused by infection with avian (bird) influenza (flu) Type A viruses. These viruses naturally spread among wild aquatic birds worldwide and can infect domestic poultry and other bird and animal species.

Avian influenza A viruses are classified into the following two categories: low pathogenicity avian influenza (LPAI) A viruses, and highly pathogenic avian influenza (HPAI) A viruses. Both HPAI and LPAI viruses can spread rapidly through poultry flocks. Avian influenza outbreaks can have heavy consequences for the poultry industry, the health of wild birds, farmers' livelihoods as well as international trade.

Tianlong Avian Influenza Virus Detection Solution is a rapid PCR-based testing solution that detects avian influenza with a high level of specificity, sensitivity, and reproducibility.



## FEATURES



### Wide Coverage

Various AIV Genotype detection, including Low pathogenicity AI viruses (LPAI) and Highly pathogenic avian influenza viruses(HPAI)



### Various Specimen

Cell-free body fluid samples, whole blood, serum, stool or tissue samples



### Real-time PCR-based AIV detection

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



### Fast and Simple to Use

Validated workflow enables excellent sensitivity, specificity, repeatability and reproducibility



### Providing Integrated Solution

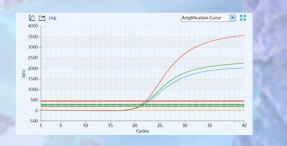
Highly efficient and reliable, Tianlong integrated PCR lab solution from devices to reagents can ensure great compatibility and minimized errors.

## ORDERING INFORMATION

Cat.No	Product Name	Specification
P576H	Avian Influenza Virus Universal RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P776H	Avian Influenza Virus H11 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P642H	Avian Influenza Virus H5N1 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P777H	Avian Influenza Virus H12 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P778H	Avian Influenza Virus H13 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P779H	Avian Influenza Virus H14 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P780H	Avian Influenza Virus H15 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P781H	Avian Influenza Virus H16 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P693H	Avian Influenza Virus N7 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P513H	Avian Influenza Virus N9 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P504H	Avian Influenza Virus H7N9 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P510H	Avian Influenza Virus H5 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P511H	Avian Influenza Virus H7 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P512H	Avian Influenza Virus H9 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P694H	Avian Influenza Virus N4 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P692H	Avian Influenza Virus N5 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P643H	Avian Influenza Virus H5N2 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P782H	Avian Influenza Virus H5N8 Subtype Detection Kit(Fluorescence PCR Method)	50T/Kit
P783H	Avian Influenza Virus H7N4 Subtype Detection Kit(Fluorescence PCR Method)	50T/Kit

Cat.No	Product Name	Specification
P784H	Avian Influenza Virus H10N8 Subtype Detection Kit(Fluorescence PCR Method)	50T/Kit
P572H	Avian Influenza Virus H5N6 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P610H	Avian Influenza Virus H5/H7/H9 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P644H	Avian Influenza Virus H10 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P646H	Avian Influenza Virus N2 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P647H	Avian Influenza Virus N8 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P648H	Avian Influenza Virus N6 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P649H	Avian Influenza Virus H9N2 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P661H	Avian Influenza Virus HPAI-H7 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P662H	Avian Influenza Virus H7 Universal/HPAI-H7/N9 Subtype RNA Detection Kit (Fluorescence PCR Method)	50T/Kit
P663H	Avian Influenza Virus H7 Universal/HPAI-H7 Subtype RNA Detection Kit (Fluorescence PCR Method)	50T/Kit
P772H	Avian Influenza Virus H3N8 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P600H	Avian Influenza Virus H5/H7 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P785H	Avian Influenza Virus H2 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P786H	Avian Influenza Virus H4 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P787H	Avian Influenza Virus H6 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P788H	Avian Influenza Virus H8 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P690H	Avian Influenza Virus N1 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit
P691H	Avian Influenza Virus N3 Subtype RNA Detection Kit(Fluorescence PCR Method)	50T/Kit

## ASSAY WORKFLOW



Version 2.0

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