



# VetMAX-Gold AIV Detection Kit

The first USDA-licensed, PCR-based solution for the detection of avian influenza virus (AIV)

## Features

- USDA-licensed
- Real-time PCR-based AIV detection
- Superior repeatability, reproducibility, and reliability
- Targets 3 unique regions within the influenza A genome

## Benefits

The Applied Biosystems™ VetMAX™-Gold AIV Detection Kit is a USDA-licensed diagnostic test that has successfully passed the stringent USDA review process. This process confirms both the effectiveness of our real-time PCR test and the compliance of the production and quality systems in our manufacturing site.

## Confidence in results

- Detects sequences representing portions of the viral matrix (two of them) and the nucleoprotein (one more)
- Provides a rapid test solution that detects AIV with a high degree of sensitivity and specificity
- Enables consistent results across batches

## Fast and simple to use

- Validated workflow enables excellent sensitivity, specificity, repeatability and reproducibility
- Helps streamline the testing process, helping poultry producers accelerate the speed of commerce

## Economical

- Real-time PCR enables greater testing consistency and reproducibility
- Helps to significantly reduce the instances of inconsistent results and retesting
- Kits are part of a complete workflow solution enabling more consistent performance and results

**AIV**

Avian influenza (AIV) is a highly contagious viral disease that can infect several species of birds, such as chickens, turkeys, quails, guinea fowls and ducks. It is caused by an A-type influenza virus—a single-stranded RNA virus belonging to the orthomyxoviridae family. AIV can present many signs in birds, from a minor disease with few or no clinical signs to a disease that can quickly become fatal and lead to a serious epidemic.

Low-pathogenicity AIV viruses can cause various clinical problems ranging from infections to drops in egg production. Highly pathogenic AIV belonging to H5, H7 and H9 subtypes can cause severe disease with high morbidity and mortality rates in commercial poultry operations. Virus transmission between birds occurs mainly by respiratory secretion and fecal material, but can also happen indirectly through bird droppings carrying the virus, or contaminated food, water and materials.

**Ordering information**

Product	Type	Quantity	Cat. No.
VetMAX-Gold AIV Detection Kit	Real-time PCR	100 reactions	4485261
<b>Workflow products</b>			
MagMAX-96 AI/ND Viral RNA Isolation Kit	Sample prep	384 reactions	AM1835
MagMAX-96 Viral RNA Isolation Kit	Sample prep	96 reactions	AM1836
MagMAX Pathogen RNA/DNA Kit	Sample prep	480 or 5 x 96 reactions	4462359
KingFisher Flex Magnetic Particle Processor with 96 Deep-Well Head	Sample prep	1 instrument	5400630
Applied Biosystems 7500 Fast Real-Time PCR System with Dell Notebook	Analysis	1 instrument	4365464

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