



THE GLOBAL KNOWLEDGE LEADER IN POULTRY DIAGNOSTICS.

Synbiotics Corp. Family of Avian Influenza detection products

Avian Influenza Virus Type A Antigen Test Kit

Synbiotics Corp.'s Avian Influenza Virus Type A Antigen Test Kit is being sold and marketed in the United States following conditional approval by the U.S. Department of Agriculture.

The kit, which is marketed in other parts of the world under the trademark Flu DETECT™, is a rapid in-vitro test that accurately detects the presence of Avian Influenza Type A virus, commonly known as Bird Flu, or Avian Flu, in birds and flocks. Designed to detect all 16 known subtypes of the virus, Flu DETECT yields results in just 15 minutes, making it the fastest, most sensitive, Avian Influenza detection test in the world. Flu DETECT helps farmers, veterinarians and government officials implement proper surveillance measures, rapidly manage disease and reduce the potential economic loss associated with Avian Influenza.

A Flu DETECT test kit contains swabs, test tubes, test strips and reagents necessary to test 20 samples. Here's how it works: The swab is used to collect a tracheal or cloacal sample from birds and poultry. An extraction buffer is added to the swab in a tube, and then the swab is removed from the tube and replaced by the test strip. A pink-purple line appears on the test strip if the Influenza A virus is present.

ProFLOK® Plus Avian Influenza Virus antibody test kit

The Synbiotics ProFLOK AIV Plus Avian Influenza Virus antibody test kit is a USDA-licensed test that detects the presence of Influenza Type A, commonly known as Bird Flu or Avian Flu, antibodies in birds. The ELISA kit is 100 percent accurate in detecting antibodies to all 16 subtypes of Influenza Type A. It can identify AIV

antibodies just seven days post-infection through testing of bird sera. Early detection of these antibodies is crucial in monitoring infection caused by Influenza Type A.

Routine flock monitoring for AIV antibodies is highly recommended; U.S. customers should submit samples from any AIV ELISA positive flock to the National Veterinary Services Laboratory (NVSL) for confirmation and typing.

The National Poultry Improvement Plan (NPIP) recommends testing for both antigens and antibodies for proper Avian Influenza detection and prevention. It has endorsed Synbiotics' ProFLOK AIV Plus ELISA antibody kit methodology. The objective of the NPIP is to provide a cooperative industry-state-federal program through which new technology can be applied to the improvement of poultry and poultry products.

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