

H5 AIV Ag

Validated from

- *FGI «ARRIAH», Federal Center For Animal Health, Russia
- *Giessen University, Germany
- *IZS Umbria e Marche, Perugia, Italy

Avian Influenza type A subtype 5 virus antigen

Avian influenza A viruses can be classified as low and high pathogenic form based on the severity of the illness they cause. Avian influenza A subtype H5 and subtype H7 viruses can be considered as "high pathogenic" strains on the basis of genetic features of the virus and the severity of the illness. Avian influenza A subtype H5 potentially has nine different subtypes (H5N1 ~ H5N9) and these subtypes can be highly pathogenic (HPAI) or low pathogenic (LPAI). The Influenza type A subtype H5 infection has been reported among humans and sometimes causes severe illness and death.



Indications

- Field monitoring of Avian Influenza virus subtype H5
- Tentative diagnosis for swift control in outbreak suspected situation
- Rule out low pathogenic AIV strain

Special Features

- H5 AIV detection only
- No cross-reaction with other avian viruses
- Applicable to various species
- World's first commercialized rapid test kit for AIV H5
- Validated from OIE reference laboratories
- Specimen: Trachea, kidney, spleen or cloaca(feces)
- Sensitivity: 100% by farm (n=13), 76.6% by feces (n=115) vs. Virus isolation
- Specificity: 100% vs. Virus isolation, PCR (n=1,402)

Test Procedures

- 1 Collect swab sample from trachea, kidney, spleen or cloaca(feces).
- 2 Insert the swab into the sample tube containing assay diluent, and mix the swab until the sample has been dissolved into the assay diluent. Squeeze the swab against the well of tube and then discard it.
- 3 Take the supernatant with disposable dropper provided.
- 4 Add 4 drops into the sample hole with disposable dropper.

20 min.

Interpretation

C	2	1	Negative
C	2	1	H5 AIV Positive
C	2	1	AIV Positive
C	2	1	Invalid

Ordering Information

Cat. No.	Description	Type	Packing size
RG15-05DG	Rapid H5 AIV Ag	Device	1 Test x 25/Kit
RG15-05MH		Multi device	10 Tests x 3/Kit