

RIDX® AIV Ag Test Kit

Avian influenza (AI) refers to the disease caused by infection with **Avian influenza type A viruses**. These viruses occur naturally among wild aquatic birds worldwide and can infect domestic poultry and other bird and animal species.

The RIDX® AIV Ag Test Kit is a diagnostic reagent that can quickly and easily detect AIV antigens in avian feces within 15 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Avian feces, cloaca, oropharynx, trachea, or lung

Components

AIV Ag test device (30 or 10 tests)
Sample dilution buffer (30 or 10 tubes)
Disposable swab (30 or 10 ea)
Dropper cap with sample filter (30 or 10 ea)
Paper rack for standing buffer tubes (1 ea)
Instructions for use (1 sheet)

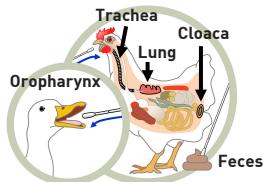


Features

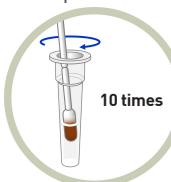
Sensitivity 100% (97/97) vs. RT-PCR
Specificity 99.5% (206/207) vs. RT-PCR
Limit of Detection 5×10^3 TCID₅₀/ml (H5N1), $1 \times 10^{4.3}$ EID₅₀/ml (H5N2), 0.5×10^3 EID₅₀/ml (H5N8 & H5N6)
No cross-reactivity with other avian pathogens (IBDV, IBV, ILTV, *M. gallisepticum*, and NDV)

Test Procedure

1 Using a swab to collect the specimen.



2 Place the swab in the dilution buffer tube and stir the solution 10 times to disperse the specimen into the buffer.



3 Break the head of the cotton swab and discard the rod.



4 Attach a dropper cap with the filter to the top of the buffer.



5 Apply 4 drops of the sample solution into the sample hole on the device.



6 Read the result **at 15 minutes**.

Positive	Negative
C T	C T
C 2 1	C 2 1
Invalid	C T
C 2 1	C 2 1

CAT No.

Description

LIC No.

Type

Package size

LGM-YAG-01
LGM-YAG-02

RIDX AIV Ag Test Kit

300-023

LFA*

30 Tests/Kit
10 Tests/Kit

* LFA: Lateral flow assay