

# RIDX<sup>®</sup> 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<sup>®</sup> 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

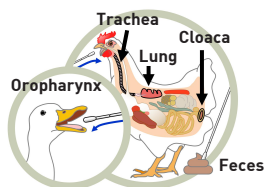
**Limit of Detection**  $5 \times 10^3$  TCID<sub>50</sub>/ml (H5N1),  $1 \times 10^{4.3}$  EID<sub>50</sub>/ml (H5N2),  $0.5 \times 10^3$  EID<sub>50</sub>/ml (H5N8 & H5N6)

**No cross-reactivity** with other avian pathogens (IBDV, IBV, ILTV, *M. gallisepticum*, and NDV)

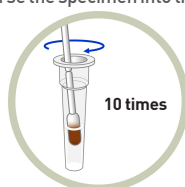


## Test Procedure

- Using a swab to collect the specimen.



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



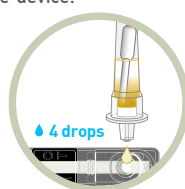
- Break the head of the cotton swab and discard the rod.



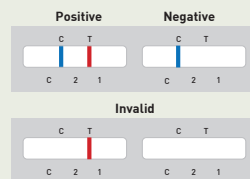
- Attach a dropper cap with the filter to the top of the buffer.



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



- Read the result at 15 minutes.



CAT No.	Description	LIC No.	Type	Package size
LGM-YAG-01	RIDX AIV Ag Test Kit	300-023	LFA*	30 Tests/Kit
LGM-YAG-02				10 Tests/Kit

\* LFA: Lateral flow assay