

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 stool or rectum

Components

- AIV Ag test device (30 or 10 tests)
- Sample dilution buffer (30 or 10 vials)
- Disposable swab (30 or 10 ea)
- Dropper cap with sample filter (30 or 10 ea)



Features

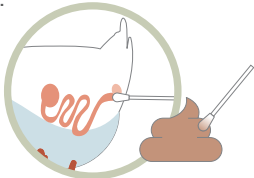
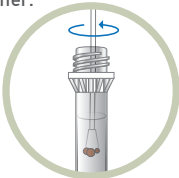
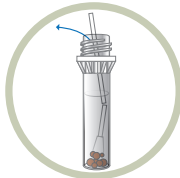

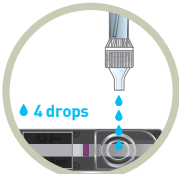
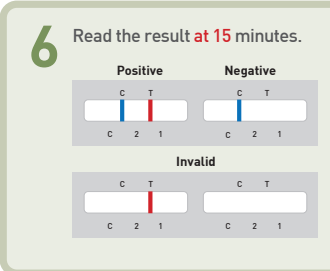
Sensitivity 100% (97/97) vs. RT-PCR (viral conc. $\geq 10^{4.0}$ EID₅₀/ml)

Specificity 99.5% (206/207) vs. RT-PCR

Limit of Detection $1 \times 10^{4.3}$ EID₅₀/ml (H5N2), $0.5 \times 10^{3.0}$ EID₅₀/ml (H5N8 & H5N6)

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

Test Procedure

- Using a swab to collect diarrhea samples or diarrhea feces in the anus.
 
- Place the swab in the dilution buffer and stir to dissolve the specimen in 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