

# RIDX®

## IBDV Ag Test Kit

Infectious bursal disease (IBD), also known as Gumboro disease, caused by **Infectious bursal disease virus (IBDV)** infection, is a highly contagious disease of young chickens characterized by immunosuppression and variable mortality. First identified in 1962, IBDV remains one of the most economically significant pathogens in the global poultry industry.

The RIDX® IBDV Ag Test Kit is a lateral flow chromatographic immunoassay for the detection of IBDV in poultry within 10 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test  
Specimen: Avian bursa of Fabricius or cloaca

### Components

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

### Features

**Sensitivity** 92.31% (12/13) vs. RT-PCR

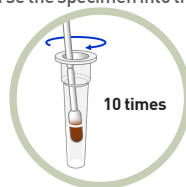
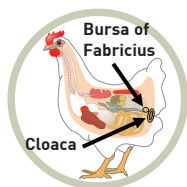
**Specificity** 100% (15/15) vs. RT-PCR

**Limit of Detection** 1 x 10<sup>5.8</sup> EID<sub>50</sub>/ml

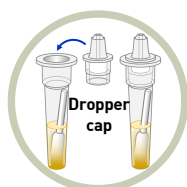
**No cross-reactivity** with other avian pathogens (AIV, IBV, NDV, *M. gallisepticum*, and *M. synoviae*)

### Test Procedure

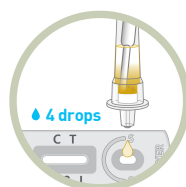
- 1 Using a swab to collect the specimen.
- 2 Place the swab in the dilution buffer tube and stir the solution 10 times to disperse the specimen into the buffer.
- 3 Break the head of the cotton swab and discard the rod.



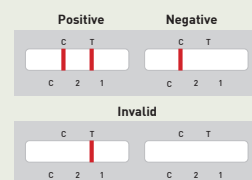
- 4 Attach a dropper cap with the filter to the top of the buffer.



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



- 6 Read the result at 10 minutes.



CAT No.	Description	LIC No.	Type	Package size
LGM-YFG-11	RIDX IBDV Ag Test Kit	300-034	LFA*	10 Tests/Kit

\* LFA: Lateral flow assay