

IBV Ag

Infectious bronchitis virus antigen

Infectious bronchitis (IB) is a worldwide distributed viral disease affecting all ages of chickens. The mortality rate is depending on the age and immune status of the birds when infected, and the presence of secondary invading organisms such as *E. coli*. It is highly contagious disease that can be transmitted through an entire flock within one or two days, through aerosol transmission (sneezing), contaminated organic material, drinking water and equipment. The target organs of the virus are trachea and kidney for the respiratory strain and nephrogenic strain respectively. It is financially important disease in poultry industry because affected layers have decreased egg production and poor egg quality.



Indications

- Field monitoring of Infectious Bronchitis virus
- Tentative diagnosis for swift control in outbreak suspected situation
- Differential diagnosis of other avian major diseases

Special Features

- Detection of all IBV
- No cross-reaction with other avian viruses
- World's first commercialized rapid test kit for IBV
- Specimens: Trachea, kidney or cloaca(feces)
- Sensitivity: 94.1% vs. RT-PCR
- Specificity: 95.2% vs. RT-PCR

Test Procedures

- 1 Collect swab sample from trachea, kidney 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 and squeeze the swab against the well of tube and then discard it.
- 3 Take the supernatant with disposable dropper.
- 4 Add 4 drops into the sample hole with disposable dropper.

10 min.

Interpretation

C	T	Negative
C	T	Positive
C	T	Invalid

Ordering Information

Cat. No.	Description	Type	Packing size
RG1513DD	Rapid IBV Ag	Device	1Test x 10/Kit