

RIDX® NDV Ag Test Kit

Newcastle disease virus (NDV), belongs to the genus *Avulavirus* in the family *Paramyxoviridae* and is the causative agent of Newcastle Disease (ND), a highly contagious disease that primarily affects avian species, particularly domestic poultry. Economic losses are exacerbated by sudden drops in egg production and the production of abnormal eggs.

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

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Avian trachea, spleen, or kidney

Components

NDV 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 88.24% (15/17) vs. RT-PCR

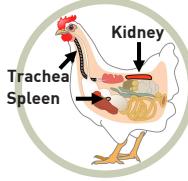
Specificity 100% (16/16) vs. RT-PCR

Limit of Detection $1 \times 10^{4.3}$ EID₅₀/ml

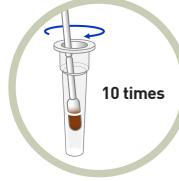
No cross-reactivity with other avian pathogens (AIV, IBDV, IBV, *M. gallisepticum*, and *M. synoviae*)

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.



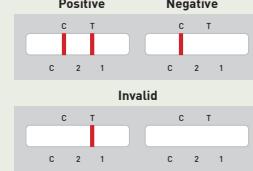
4 Attach a dropper cap with the filter to the top of the buffer.



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-YNG-11

RIDX NDV Ag Test Kit

300-032

LFA*

10 Tests/Kit

* LFA: Lateral flow assay