

USER MANUAL



Rapid Test Kit

Avian Influenza H5 Virus Antigen
Rapid Test Kit

Catalog No.tcek263

40 Tests

FOR RESEACH USE ONLY!

Please read completely user manual and storage condition.

Avian Influenza H5 Virus Antigen Rapid Test Kit Catalog No.tcek263



Available Sizes

Size: 40 Tests



Specifications

Research Area: Animal Disease

Species Reactivity: Poultry

Sample Type: Secreta of Trachea and Cloacal orifice

Storage: Store at 2-30°C with cool and dry environment. 2 years

Test Principle

This kit applies the principle of Colloidal Gold Immunochromatography assay (GICA). The sample will move together with the colloidal gold marker along the chromatography membrane. If Avian Influenza Virus H5 (AIV-H5) antigen exist in the samples, it will combine with the colloidal gold marker to make the detection line appear a purple color. Otherwise, it will not show the color reaction.

Components

Item	Specification
Detection card (with a straw)	40T
Sample diluent	40 vials
Cotton swab	40
Manual	1 copy

Sample Preparation .

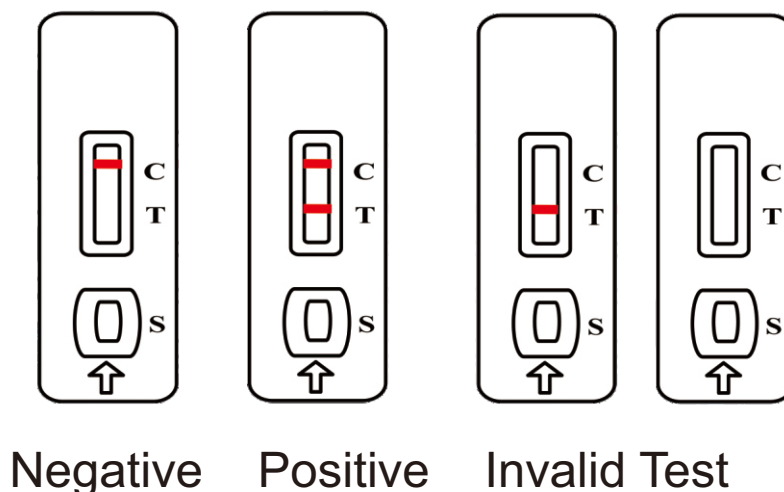
1. Weigh about 0.1 g or 100 μ L of poultry excrement or tracheal secretion with a cotton swabs (sample collection affects the detection result, ensure it accurately and adequately).
2. Immediately, insert the cotton swab into a sample tube sample diluent, stir the swab until the sample is dissolved into the diluent fully. Discard the cotton swab after wiping it against the wall of the tube. Make sample solution stand for later use.

Note: Excessive stool sample may lead to wrong results (e.g. black belt, etc.), dilute sample with sample diluent for the test.

Experimental procedure.

1. Tear the aluminum foil bag of the detection card and take out the detection card, and put it on a smooth, clean table.
2. Take the prepared supernatant sample with the matching straw, add 2~3 drops (about 60 μ L) of sample to the sample well (S) vertically and slowly.
3. Keep the detection card stand at room temperature for 10~15 min,
Read the result. The result is for reference only for more than 30min.

Reading Result



Interpretation of Result.

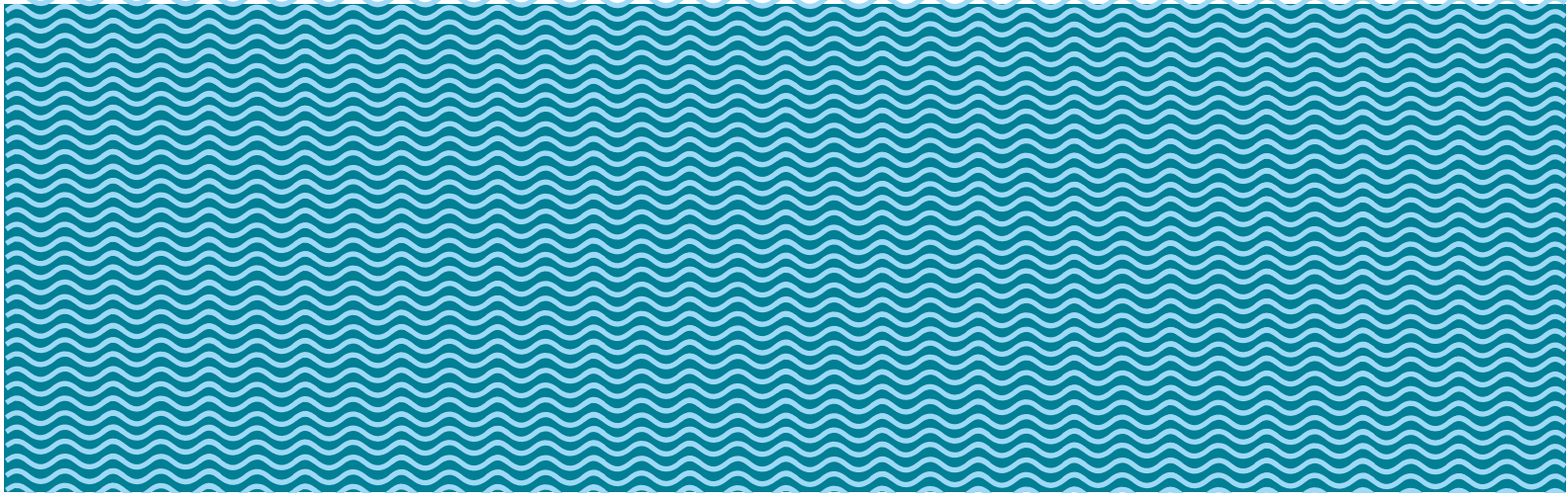
1. The negative result reveals that there is no AIV-H5 antigen in the sample.
If there is a corresponding acute symptom, then AIV-H5 infection cannot be excluded.
2. The positive result reveals that there is AIV-H5 antigen in the sample.
It might be infected with AIV-H5, and the result should be combined with clinical and other methods to analyze.

Limitation

This kit is used for detection of AIV-H5 antigen only

Important Note:

1. Please read the manual carefully before use. All kinds of reagents provided in this kit are only for this experiment.
2. Do not use product out of date or in a broken aluminum foil.
3. The detection card should be brought to room temperature before opening after take it out from the refrigerator. The opening detection card should be used as soon as possible.
4. deionized water, tap water and normal saline cannot be used as negative controls.
5. The tested sample should be fresh and clear. Avoid of using samples of turbidity, polluted, high hemolysis or abnormal viscous.
6. Avoid of touching the chromatography membrane of the sample well and test well.
7. The waste of experiment should be considered as contaminant, and must be properly handled according to the local regulations.



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