

Instructions for Use

Version: 1.0.1

Revision date: 13-May-26

Canine Influenza Virus, Distemper Virus and Adenovirus (CIV/CDV/CAV) Combo Rapid Test Kit

Catalog No.: abx472044

Storage: Store all reagents at 2 - 30°C. Keep dry.

Application: For qualitative detection of Canine Influenza Virus, Distemper Virus and Adenovirus (CIV/CDV/CAV) in nasal secretion samples.

Introduction and Assay Principle

Abbexa's CIV/CDV/CAV Rapid Test Kit is based on the gold immuno-chromatography assay (GICA) principle. Any CIV/CDV/CAV present in the sample combines with the colloidal gold particle-labelled CIV/CDV/CAV antibody. When the concentration of CIV/CDV/CAV in the sample is more than the detection limit, there is a color change in the detection line and the result is positive. When the concentration of CIV/CDV/CAV in the sample solution is less than the detection limit, there is no color change in the detection line and the result is negative.

Kit Components

- Test cassettes with pipettes
- Sample diluent tube
- Cotton swabs

Material Required But Not Provided

- Sample collection containers
- Timer

A. Sample preparation

The following sample preparation methods are intended as a guide and may be adjusted as required depending on the specific samples used.

Nasal secretion samples: Ensure that sufficient sample has been collected on the swab. Immediately insert the cotton swab into Sample diluent tube. Stir until the sample has completely dissolved. Wipe the swab against the inside of the tube, then discard the swab.

Note: Fresh samples or recently obtained samples are recommended to prevent degradation and denaturalization that may lead to erroneous results.

B. Assay procedure

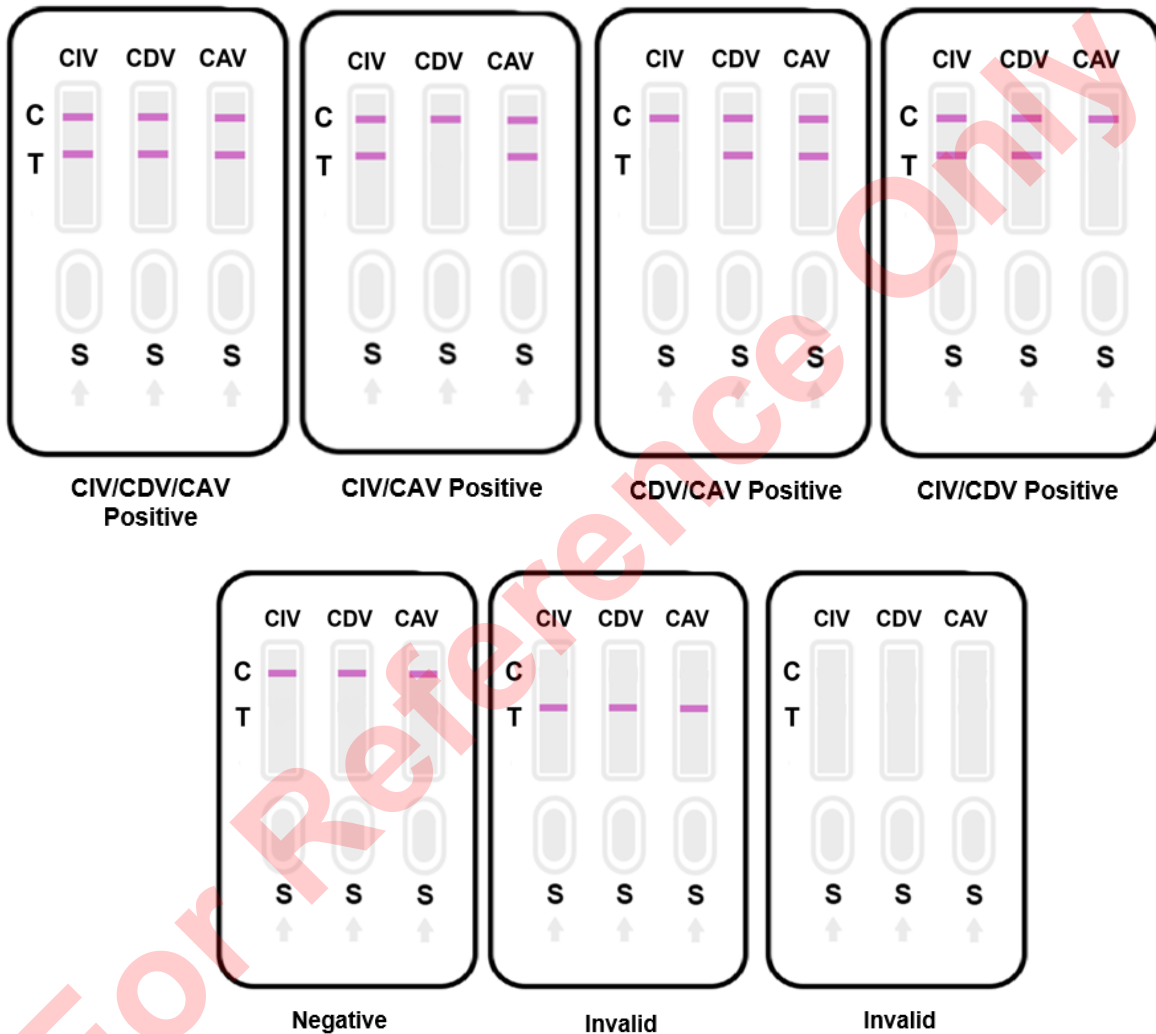
1. Take a test cassette and lay it flat on a clean table. Using the provided pipette, slowly and vertically add 5 drops of sample to the sample (S) well on the test cassette. Avoid foaming.
2. Leave at room temperature for 10-15 minutes, then analyze the result. Results are invalid after 15 minutes.

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C. Results analysis

- **Positive result:** A colored line is observed in both the control (C) section/s and the test (T) section/s.
- **Negative result:** A colored line is observed in the control (C) section/s but not the test (T) section/s.
- **Invalid result:** No colored line is observed in the control (C) section/s.



Notes

1. The test cassettes should be brought to room temperature before use.
2. After opening the aluminum foil, use the test cassette as soon as possible.
3. Do not mix or re-use pipettes to avoid cross-contamination.
4. Avoid touching the cassette membrane through the sample well or test result window.

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5. Avoid samples that are cloudy or that contain visible pollution.
6. This kit is for qualitative detection of CIV/CDV/CAV in Human serum or cerebrospinal fluid (CSF) samples. For other sample types, a preliminary experiment is recommended to determine compatibility with this kit. It is recommended to test positive samples using another method (such as HPLC, LC/MS) for confirmation.
7. This kit is for research use only and the results are for reference only.
8. All waste should be disposed of appropriately. Please note that you may need to follow special waste disposal procedures for infectious samples. Please check local disposal regulations.

Technical Support

For troubleshooting and technical assistance, please contact us at support@abbexa.com.

For Reference Only