



# CAV Ag/CDV Ag Test kit

(Canine adenovirus Ag/Canine distemper Ag Test kit)

## ◆ Principles

The test device is an immunochromatographic assay for the qualitative detection of CAV Ag and CDV Ag in canine respiratory tract secretions. The test device has a letter of "T" and "C" as test line and control line on the surface of the card. Both the test line and control line in result window are not visible before applying any samples. The control line should be always appear if the test procedure is performed properly and the test reagents of control line are working. A purple test line will be visible in the result window if there are enough Antigen in the specimen. The specially selected monoclonal antibodies are used in test band as both capture and detector materials. These enable the device to identify CAV Ag and CDV Ag in canine with a high degree of accuracy.

## ◆ Characteristics

- 1) One-step rapid test of Feline Immunodeficiency Virus antibodies
- 2) Rapid test results between 5 ~ 10 minutes
- 3) Expensive equipment not required
- 4) Easy storage and maintenance
- 5) High-purity and high-quality materials of the test kit increase its sensitivity and specificity.

## ◆ Materials (10 tests/kit)

- 1) Test ..... 10 units
- 2) Diluent (buffer) ..... 0.4 ml x 10 units
- 3) Disposable dropper for sample collection ..... 10 units
- 4) Swabs for sample collection ..... 10 units

## ◆ Composition

Specimen well (S: for dropping), Test line (T), and Control line (C) are marked on the device. Inside of it, the strip is composed of sample pad, conjugate pad, nitrocellulose membrane (test paper), and absorbent pad

## ◆ Effect

Simultaneous detection of CAV Ag and CDV Ag in Canine ocular discharge or nasal discharge

## ◆ Uses

### 1) Specimen

Canine ocular discharge or nasal discharge

### 2) Test procedure

- a) Collect canine ocular or nasal discharge with a swab and put the swab into a sample tube containing 0.4ml of buffer.
- b) Swirl the buffer with the swab.
- c) Drop 4 drops (100µl) into the specimen well.
- d) Read the test results between 5 ~ 10 minutes.

◆ Invalid result after 10 minutes

### 3) Interpretation of the results

A purple band should appear on the control line regardless of the test result. The presence of another band on the test line determines the result.

Control Line (C): The line should always appear. If this line does not appear, the test should be considered invalid. This is might be because of impure buffer or the lack of specimen. It should be tested again with another kit.

Test Line (T) : The presence of CAV Ag / CDV Ag determines the test line.

(1) CAV Negative / CDV Negative



(2) CAV Positive / CDV Negative



(3) CAV Negative / CDV Positive



(4) CAV Positive / CDV Positive



(5) Retesting

a) Both Test and Control lines do not appear.



b) Test line only appears.



## ◆ Further examinations

This test is for primary screening only. Consult veterinarians for further necessary examinations to obtain clinical test results.

## ◆ Precautions

- 1) Use for canine *in-vitro* diagnostic purposes only.
- 2) Use within 10 minutes after opening the pouch because the test kit is very sensitive to moisture and its effect may diminish.
- 3) Be careful of not touching the result window.
- 4) Every specimen should be used with different droppers.
- 5) For testing, the buffer included should be used.
- 6) Do not use specimen showing hemolysis or being contaminated with microbes, which may cause false positive or false negative result.
- 7) Deal with specimen carefully. They can deliver unknown virus or infectious bacteria.
- 8) Use disposable gloves when you suspect the infection caused by specimen. And wash your hands later.
- 9) Dispose solid wastes after sterilizing them at 121°C for over 1 hour.
- 10) Do not use the kit when its pouch is torn, sealing is not good in shape or expiration date is passed.

## ◆ Storage method

The test kits stored at 2~30 °C can be used for 24 months after manufacturing. Do not keep them in refrigerator. However, if they are stored under cold circumstances, keep them at room temperature for 15 ~ 30 minutes before use.

## ◆ Exchange

The test kits are manufactured under strict quality control system. Nevertheless, if they deteriorate during delivery, ask our distributors for exchange.

## ◆ Liability

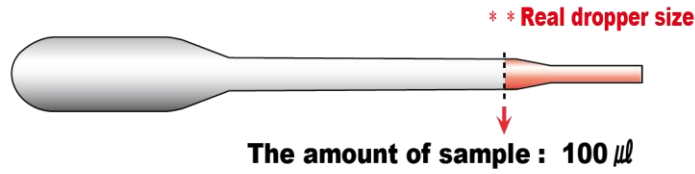
The entire risk due to the performance of this product is assumed by the purchaser. The manufacturer shall not be liable for indirect, special or consequential damages of any kind resulting from use of this product.

Date issued : Feb 28, 2020  
AI18-01E-03

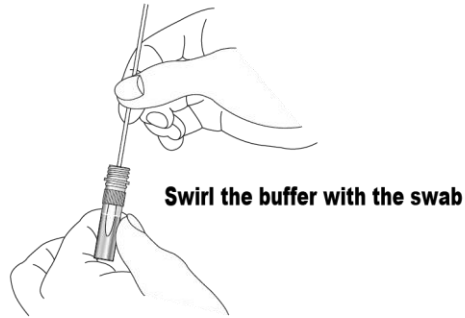


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# Instruction for CAV Ag/CDV Ag test



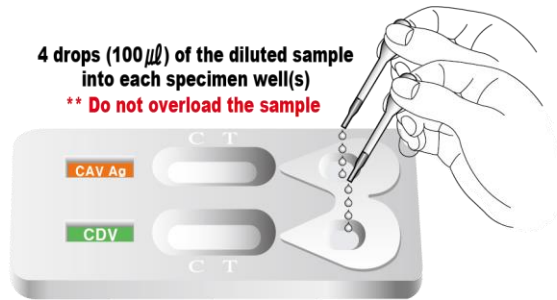
## 1 Sampling



## 2 Use the Supernatant layer



## 3 Loading



## 4 Reading

00:05:00~00:10:00



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Read the result between 5~10 min

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## 5 Discard

00:10:00



Discard the used device  
In valid result after 10 min

