

GENLISA® Canine Distemper Virus (CDV) Antigen Rapid Test

REF : KAD5008

Ver 1.0

RUO

Rapid Test Card for the Qualitative testing for Canine Distemper Virus (CDV) Antigen in Canine samples in conjunctiva, nasal cavity and saliva

RUO	For Research Use Only	REF	Catalog Number
	Store At	LOT	Batch Code
	Manufactured By		Biological Risk
	Expiry Date		Consult Operating Instructions

For Research Purposes Only Purchase does not include or carry the right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of Krishgen Biosystems Private Limited is strictly prohibited.

REF KAD5008  1 x 10 tests

Krishgen Biosystems Private Limited

For US/Europe Customers: toll free +1(888)-970-0827 | tel +1(562)-568-5005
For Asia/India Customers: +91(22)-49198700
Email: sales1@krishgen.com | <http://www.krishgen.biz> / www.krishgenbio.com

GENLISA® Canine Distemper Virus (CDV) Antigen Rapid Test

Introduction:

Canine distemper (CDV) is a highly contagious disease that is highly contagious and has a mortality rate of up to 80%. Its causative agent is canine distemper virus, a single-stranded RNA virus. The natural host of the virus is canine and scorpion, mainly transmitted by air and droplets. This product is used to detect the infection of canine prion in dogs by immunochromatographic test on secretion samples of canine conjunctiva, nasal cavity and saliva, as an auxiliary diagnosis of canine distemper virus infection. The test results are for reference only.

Intended Use:

This kit is for qualitative testing for Canine Distemper Virus (CDV) Antigen in Canine conjunctiva, nasal cavity and saliva.

Principle:

The GENLISA® Canine Distemper Virus (CDV) Antigen rapid test card uses rapid immunochromatography to detect CDV antigen. After the diluted sample is added to the “S” hole on test card, if the CDV antigen is present in the sample, the antigen will specifically bind to the colloidal gold-labeled CDV monoclonal antibody, and the complex will move along the chromatographic membrane and be chromatographed. The pre-coated CDV monoclonal antibody on the membrane is captured, and a wine red detection line is formed at the T-position of the cartridge. If there is no CDV antigen in the sample, no visible lines will be formed at the T line. In addition, the system has also designed a C-line for verifying that the test is valid—whether negative or positive, the line should be colored, otherwise it will be invalid.

Materials Provided:

1. CDV Antigen Test Card (Including 1 CDV Ag test cassette, 1 dropper, 1 desiccant) - 10 nos.
2. CDV Antigen Sample Buffer – 10 vials
3. Swab – 10 nos.
4. Instruction Manual

Material required but not provided:

Single channel pipette: 20-200 ul, 100-1000 ul.

Storage Information:

- Store between 4°C – 30°C.
- Store in a dry place, away from direct sunlight and humidity
- The expiration date is 24 months from manufacturing date.

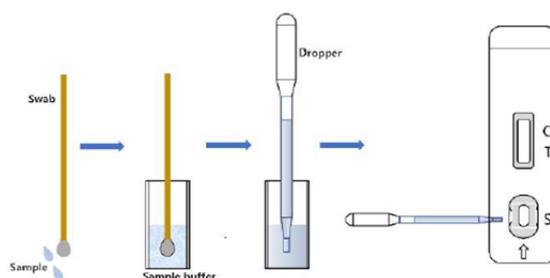
Sample Collection and Handling:

1. Use a cotton swab to gently collect secretions from the conjunctiva, nasal cavity or oral cavity of the animal's eye.
2. Immediately insert the cotton swab with secretions into the tube containing the sample buffer, and mix the solution to dissolve the sample as much as possible.
3. Considering the uncertainty of the detoxification site of the animal, it is recommended to collect samples from multiple sites during clinical testing, and mix the liquid in the sample buffer to prevent missed detection.

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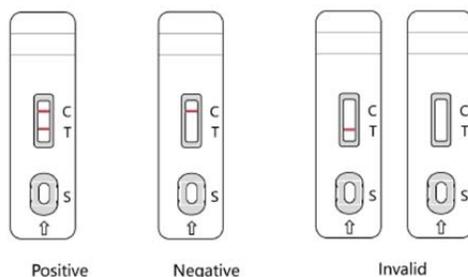
Assay Procedure:

1. Read the manual carefully and return the test card and sample to room temperature before use.
2. Take out the test card, with the help of the dropper supplied in the kit add drop 3-4 (about 100 ul) drops into well mark "S".
3. Read the results in 5-10 min at room temperature. The result is invalid after 15 min.



Interpretation of Result:

1. **Negative (-)** : No line appears in the test region (T), only on Control line (C Line) being seen red color reaction. It means there is no CDV antigen in sample.
2. **Positive (+)**: Both on T Line and C line being seen red color reaction. It means there is CDV antigen in sample.
3. **Invalid**: No colored bands appear or control line fails to appear, indicating that the operator error or the test card is invalid.



Procedural Notes:

1. Please use the test card within the shelf life and within 1 hour after opening.
2. Avoid direct sunlight and direct fan blowing during testing.
3. Do not touch the white membrane surface in the middle of test card when using the test card.
4. Sample droppers should not be mixed to avoid cross contamination.
5. Do not use sample buffer that are not supplied with this reagent.
6. The used test card should be treated as microbiological dangerous goods.

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LIMITED WARRANTY

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