

COMPANION ANIMAL

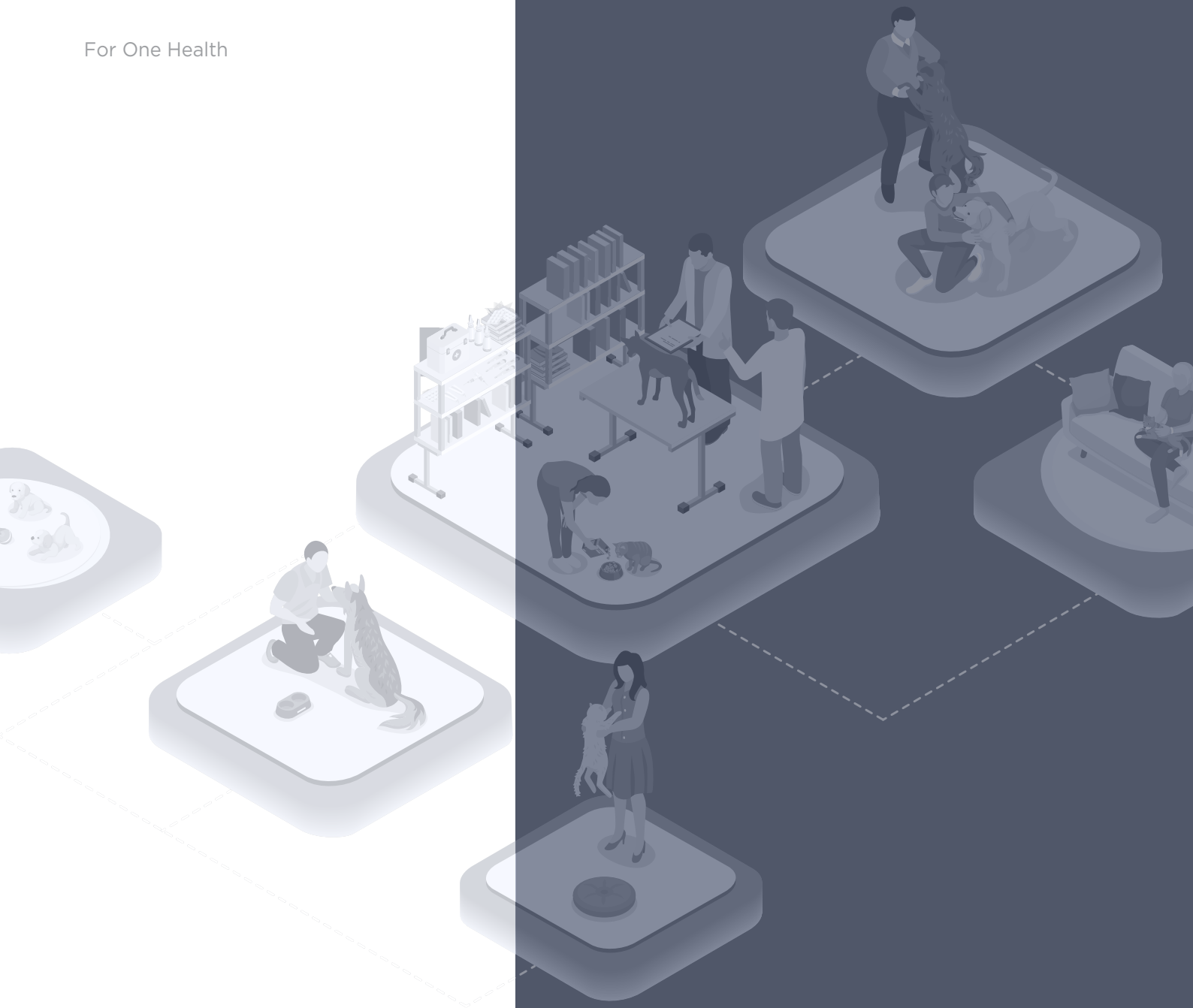
Rapid kit Product Catalog



COMPANION ANIMAL

Rapid kit Product Catalog

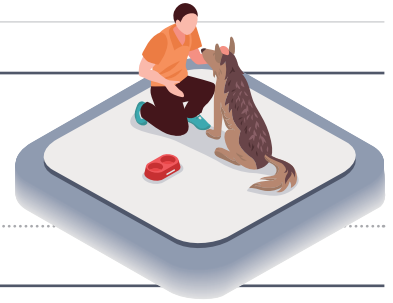
For One Health





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VDRG® CHWAg Rapid Kit

Canine Heart Worm

Dirofilaria immitis, also known as heartworm or dog heartworm, is a parasitic roundworm that is a type of filarial worm, a small thread-like worm, that causes dirofilariasis. It is spread from host to host through the bites of mosquitoes. Heartworm infection may result in serious complications for the infected host if left untreated, eventually leading to death, most often as a result of secondary congestive heart failure. This test kit, the diagnostic reagent can detect canine heartworm antigen quickly and simply within 10 minutes after dropping the samples.

Introduction

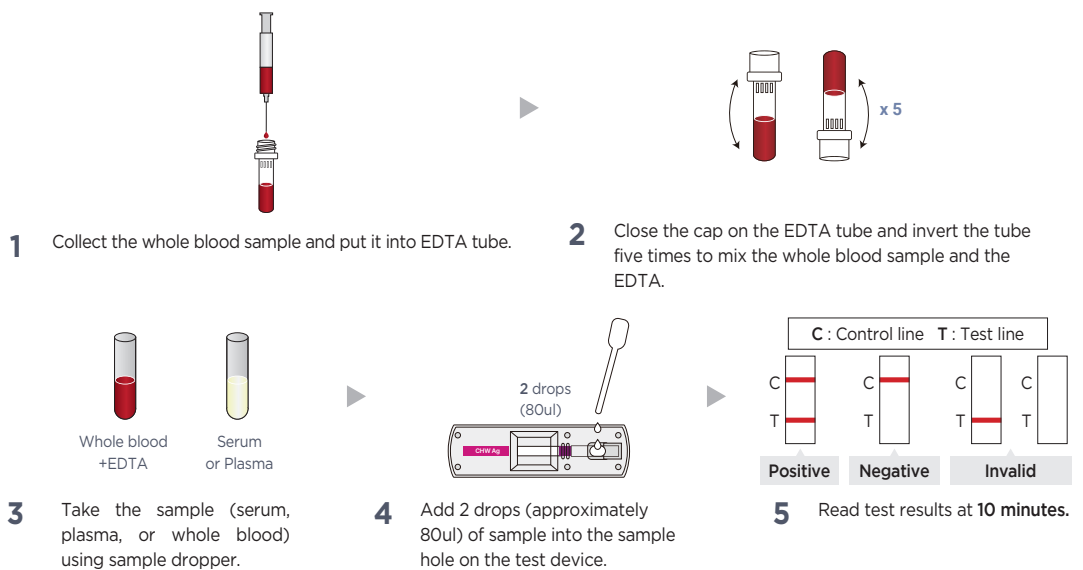
- + **Intended use** : Detection of Canine Heartworm antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine serum, plasma, or whole blood
- + **Component**
 - CHW Ag Rapid device
 - EDTA tube
 - Sample dropper



Features

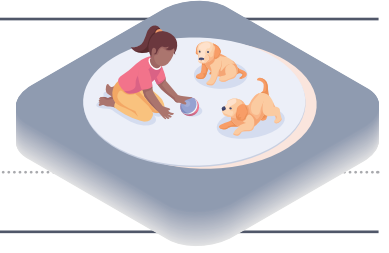
- + Male and female canine dirofilaria immitis can be diagnosed.
- + Clinical Sensitivity : 96.4%(53/55)
- + Clinical Specificity : 100%(30/30)

Test Procedure



| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PC-CHW-11 | VDRG® CHW Ag Rapid Kit | 10 Tests/Box |

VDRG® CDV Ag Rapid Kit



Canine Distemper Virus

Canine distemper is caused by a single-stranded RNA virus of the family Paramyxoviridae. The disease is highly contagious via inhalation. Despite extensive vaccination in many regions, it remains a major disease of dogs. This test kit, the diagnostic reagent can detect CDV antigens quickly and simply within 10 minutes after dropping the specimens.

Introduction

- + **Intended use** : Detection of Canine Distemper Virus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine eye discharge(conjunctiva)
- + **Component**
 - CDV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

- + One step rapid test CDV antigen
- + No cross reaction against CPV, CCV, ICH, PI2
- + Limit of Detection : 5×10^3 TCID₅₀/mL
- + Clinical Sensitivity & Specificity vs RT-PCR

| | RT-PCR | | |
|---------------|--|------------|------------|
| | + | - | Total |
| VDRG® CDV Ag | 85 | 3 | 88 |
| | 1 | 129 | 130 |
| Total | 86 | 132 | 218 |
| Result | Sensitivity : 98.8% Specificity : 97.7% | | |

Test Procedure

1 Pre-wet swab with saline solution or PBS. Collect the sample from eye discharge (conjunctiva) using the sample collection swab pre-wetted with saline solution or PBS.

2 Put the sample into the tube that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the sample thoroughly.

3 Place the tube upright until the large particles go down (20sec).

4 Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.

5 Read test results at 10 minutes.

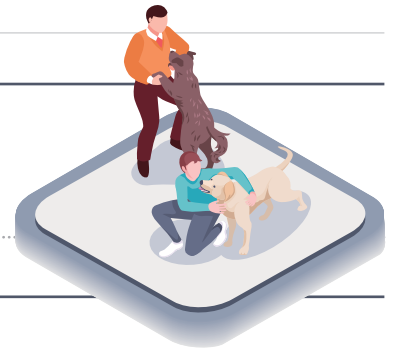
Legend: C : Control line T : Test line

Positive: C line present, T line present.

Negative: C line present, T line absent.

Invalid: C line absent, T line present or absent.

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PC-CDV-11 | VDRG® CDV Ag Rapid Kit | 10 Tests/Box |



VDRG® CCV Ag Rapid Kit

Canine Corona Virus

Canine coronavirus disease, known as CCV, is a highly infectious intestinal infection in dogs, especially puppies. Canine coronavirus is usually short-lived but may cause considerable abdominal discomfort for a few days in infected dogs. This test kit, the diagnostic reagent can detect CCV antigens quickly and simply at 10 minutes after injection of samples.

Introduction

- + **Intended use** : Detection of Canine Coronavirus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine feces
- + **Component**
 - CCV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

- + Limit of Detection : 1×10^5 TCID₅₀/mL
- + Clinical Sensitivity & Specificity vs RT-PCR

| | RT-PCR | | | |
|---------------|---------------------|------------|------------|-----|
| | + | - | Total | |
| VDRG® CCV Ag | + | 56 | 3 | 59 |
| | - | 3 | 118 | 121 |
| Total | 59 | 121 | 180 | |
| Result | Sensitivity : 94.9% | | | |
| | Specificity : 97.5% | | | |

Test Procedure

1 Collect the sample from eye discharge (conjunctiva) with the sample collection swab

2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

3 Place the tube upright until the large particles go down(20sec).

4 Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.

5 Read test results at **10 minutes**.

C : Control line T : Test line

Positive: C line present, T line present
 Negative: C line present, T line absent
 Invalid: C line absent, T line present or absent

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PC-CCV-11 | VDRG® CCV Ag Rapid Kit | 10 Tests/Box |

VDRG® CPV Ag Rapid Kit



Canine Parvo Virus

Canine parvovirus is a highly contagious virus that can affect all dogs, but unvaccinated dogs and puppies younger than four months old are the most at risk. The virus affects dogs' gastrointestinal tracts and is spread by direct dog-to-dog contact and contact with contaminated feces (stool), environments, or people.

This test kit, the diagnostic reagent can detect CPV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Canine Parvovirus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine feces
- + **Component**
 - CPV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

- + No cross-reactivity with infectious pathogens which could in dogs.
- + CPV 2, CPV 2a, CPV 2b diagnosis possible
- + Limit of Detection : 5×10^3 TCID₅₀/mL
- + Clinical Sensitivity & Specificity vs PCR

| | PCR | | | |
|---------------|---|------------|------------|-----|
| | + | - | Total | |
| VDRG® CPV Ag | + | 101 | 0 | 101 |
| | - | 2 | 214 | 216 |
| Total | 103 | 214 | 317 | |
| Result | Sensitivity : 98.1% Specificity : 100% | | | |

Test Procedure

1 Collect the fecal sample from the stool or rectum using the sample collection swab.

2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

3 Place the tube upright until the large particles go down (20sec).

4 Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.

5 Read test results at 10 minutes.

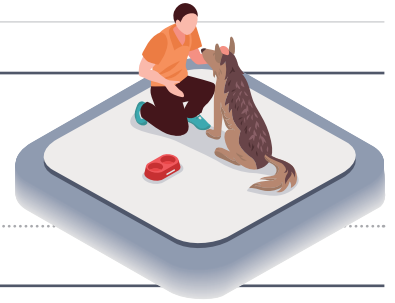
Legend: C : Control line T : Test line

Positive: C line present, T line present

Negative: C line present, T line absent

Invalid: C line absent, T line present

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PC-CPV-11 | VDRG® CPV Ag Rapid Kit | 10 Tests/Box |



VDRG® CCV/CPV Ag Rapid Kit

Canine Corona Virus & Canine Parvo Virus

Canine Coronavirus (CCV) and Canine Parvovirus (CPV) are highly contagious viruses that cause severe gastrointestinal disease in dogs. Both viruses spread through direct contact with infected dogs or contaminated environments. Early detection is crucial for effective treatment and preventing outbreaks. This test kit, the diagnostic reagent can detect CCV/CPV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Canine Parvovirus antigen and Canine Coronavirus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine feces
- + **Component**
 - CCV/CPV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

- + **Limit of Detection** : CCV 1×10^5 TCID₅₀/mL, CPV 5×10^3 TCID₅₀/mL

| | RT-PCR | | |
|---------------|--|------------|------------|
| | + | - | Total |
| VDRG® CCV Ag | 56 | 3 | 59 |
| VDRG® CPV Ag | 3 | 118 | 121 |
| Total | 59 | 121 | 180 |
| Result | Sensitivity : 94.9% Specificity : 97.5% | | |

| | PCR | | |
|---------------|---|------------|------------|
| | + | - | Total |
| VDRG® CCV Ag | 101 | 0 | 101 |
| VDRG® CPV Ag | 2 | 214 | 216 |
| Total | 103 | 214 | 317 |
| Result | Sensitivity : 98.1% Specificity : 100% | | |

Test Procedure

1 Collect the fecal sample from the stool or rectum using the sample collection swab.

2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

3 Place the tube upright until the large particles go down(20sec).

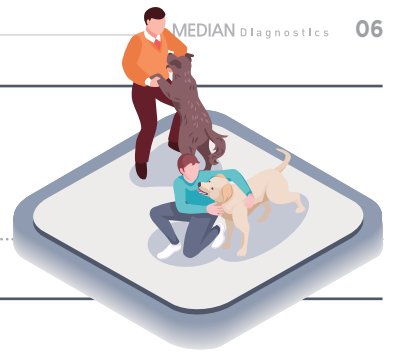
4 Take the supernatant of sample solution using dropper, and then add 4 drops each the sample hole on the test device.

5 Read test results at 10 minutes.

Result Legend: C : Control line T : Test line

- Positive: C line present, T line present
- Negative: C line present, T line absent
- Invalid: C line absent, T line present

| Cat No. | Product Name | Quantity |
|-----------|----------------------------|--------------|
| PC-CCP-12 | VDRG® CCV/CPV Ag Rapid Kit | 10 Tests/Box |



VDRG® CPV/CCV/Giardia Ag Rapid Kit

Canine Parvo Virus & Canine Corona Virus & Giardia

Canine Coronavirus (CCV), Canine Parvovirus (CPV), and Giardia are highly contagious pathogens that cause severe gastrointestinal disease in dogs. These pathogens spread through direct contact with infected animals, contaminated environments, or ingestion of contaminated water. Early detection is essential for effective treatment and preventing outbreaks. This test kit, the diagnostic reagent can detect CPV/CCV/Giardia antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Canine Parvovirus antigen, Coronavirus antigen and Giardia antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine feces
- + **Component**
 - CPV/CCV/Giardia Ag Rapid device
 - Sample dilution buffer for CPV/CCV Ag (P)
 - Sample dilution buffer for Giardia Ag (G)
 - Swabs
 - Dropper



Features

- + Clinical Sensitivity : CPV 98.1%(101/103), CCV 94.9%(56/59), Giardia 97.1%(34/35)
- + Clinical Specificity : CPV 100%(214/214), CCV 97.5%(118/121), Giardia 96.5%(109/113)
- + Limit of Detection : CPV 5×10^3 TCID₅₀/mL, CCV 1×10^5 TCID₅₀/mL, Giardia 125 G. cyst/100ul

Test Procedure

1 Collect the fecal sample from the stool or rectum using the sample collection swab.

2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

3 Place the tube upright until the large particles go down(20sec).

4 Take the supernatant of sample solution using dropper, and then add 4drops into the sample hole on the test device.

5 Read test results at 10 minutes.

Not enough (X), Good (O), Too Much (X)

P, G, P, G

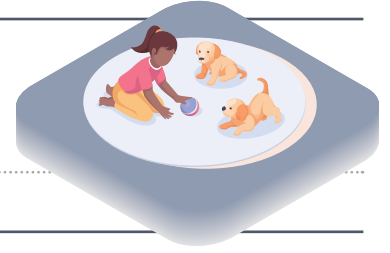
4 drops

C: Control line T: Test line

Positive, Negative, Invalid

| Cat No. | Product Name | Quantity |
|-----------|------------------------------------|--------------|
| PC-CCG-11 | VDRG® CPV/CCV/Giardia Ag Rapid Kit | 10 Tests/Box |

VDRG® CIV Ag Rapid Kit



Canine Influenza Virus

Canine influenza (also known as dog flu) is a contagious respiratory disease in dogs caused by specific Type A influenza virus subtype H3N2 or H3N8. These are called “canine influenza viruses.” The severity of illness associated with canine flu in dogs can range from no signs to severe illness resulting in pneumonia and sometimes death. This test kit, the diagnostic reagent can detect CIV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Canine Influenza Virus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine pharyngeal swab or nasal swab.
- + **Component**
 - CIV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

- + Clinical Sensitivity : 91.6%(11/12)
- + Clinical Specificity : 99.2%(125/126)
- + Limit of Detection : 5×10^3 TCID₅₀/mL

Test Procedure

- 1** Collect the sample from pharyngeal swab or nasal swab with the sample collection swab.
- 2** Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the sample thoroughly.
- 3** Place the tube upright until the large particles go down(20sec).
- 4** Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.
- 5** Read test results at 10 minutes.

C : Control line T : Test line

| | | | |
|----------|----------|---------|--------|
| C T | C T | C T | C T |
| Positive | Negative | Invalid | |

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PC-CIV-11 | VDRG® CIV Ag Rapid Kit | 10 Tests/Box |

VDRG® E.canis Ab Rapid Kit



Ehrlichia canis

Ehrlichia is a rickettsial genus of bacteria belonging to the family *Ehrlichiaceae*. There are several species of *Ehrlichia*, but the one that most commonly affects dogs and causes the most severe clinical signs is *Ehrlichia canis*.

This test kit, the diagnostic reagent can detect *Ehrlichia Canis* antibodies quickly and simply within 10 minutes after dropping the samples.

Introduction


- + **Intended use** : Detection of Ehrlichia canis antibody
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine whole blood, plasma or serum
- + **Component**
 - E.canis Ab Rapid device
 - Dilution buffer bottle
 - Capillary tube
 - EDTA tube

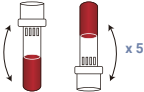


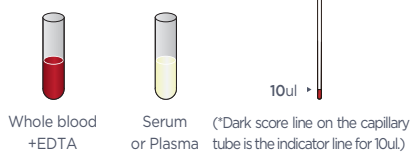
Features

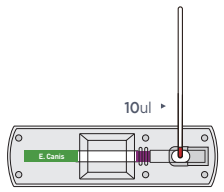
- + Clinical Sensitivity : 98.3%(121/123)
- + Clinical Specificity : 100%(305/305)
- + Fast Results within 10 minutes after sample application.
- + Easy to use without equipment

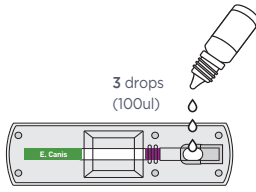
Test Procedure

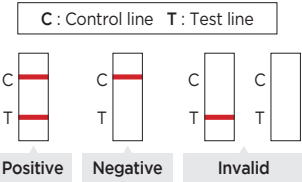
- 

1 Collect the whole blood sample and put it into anticoagulant tube.
- 

2 Close the cap on the EDTA tube and invert the tube five times to mix the whole blood sample and the EDTA.
- 

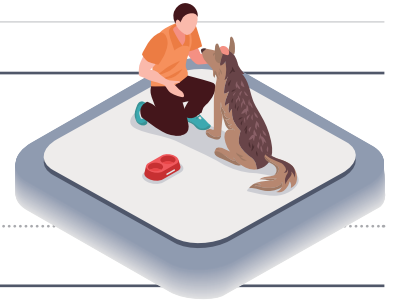
3 Take 10 ul of the sample using capillary tube unto the blue line on the capillary tube. (*Dark score line on the capillary tube is the indicator line for 10ul)
- 

4 Add 10 ul of the sample into the sample hole on the test device
- 

5 Add 3 drops (approximately 100ul) of the dilution buffer into the sample hole
- 

6 Read test results at 10 minutes.

| Cat No. | Product Name | Quantity |
|-----------|----------------------------|--------------|
| PC-ECA-11 | VDRG® E.canis Ab Rapid Kit | 10 Tests/Box |



VDRG® Leishmania Ab Rapid Kit

Leishmania

Canine leishmaniasis is a zoonotic disease caused by *Leishmania* parasites transmitted by the bite of an infected phlebotomine sandfly. Traditionally, canine transmission is directly from sandfly to dog. This test kit, the diagnostic reagent can detect *Leishmania* antibodies quickly and simply within 10 minutes after dropping the samples.

Introduction

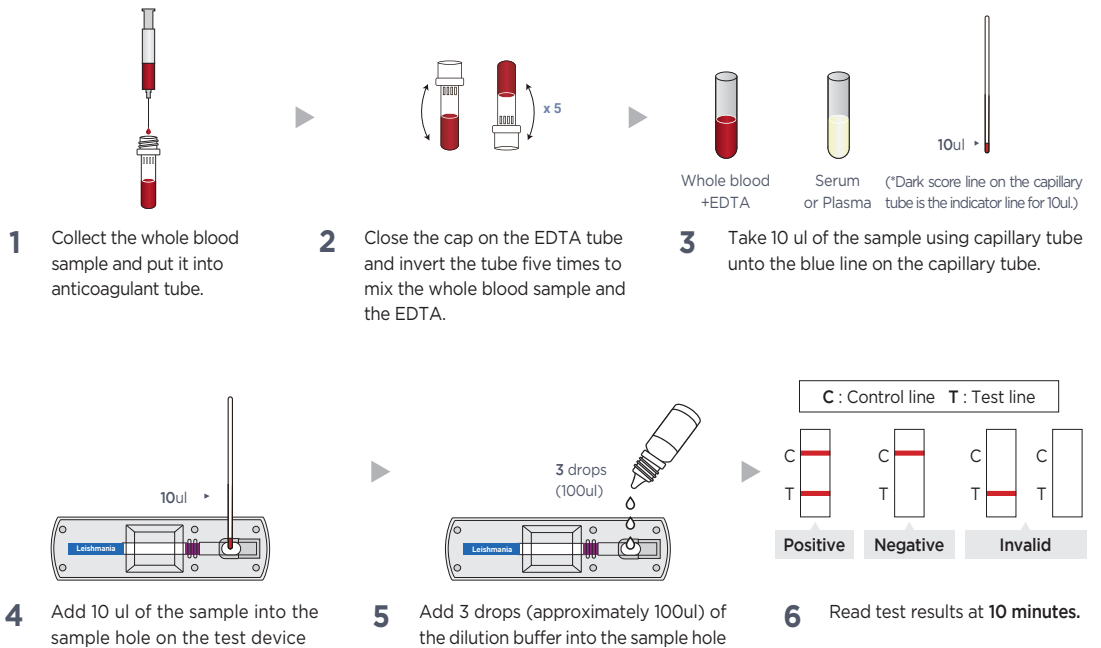
- + **Intended use** : Detection of Leishmania antibody
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine whole blood, plasma, serum
- + **Component**
 - Leishmania Ab Rapid device
 - Dilution buffer bottle
 - Capillary tube
 - EDTA tube



Features

- + Clinical Sensitivity : 97.6%(120/123)
- + Clinical Specificity : 100%(305/305)

Test Procedure



| Cat No. | Product Name | Quantity |
|-----------|-------------------------------|--------------|
| PC-LEI-11 | VDRG® Leishmania Ab Rapid Kit | 10 Tests/Box |

VDRG® FIV Ab Rapid Kit



Feline Immunodeficiency Virus

Feline immunodeficiency virus (FIV) is a Lentivirus that affects cats worldwide, with 2.5% to 4.4% of felines being infected. FIV compromises the immune system of cats by infecting many cell types, including CD4+ and CD8+ T lymphocytes, B lymphocytes, and macrophages.

This test kit, the diagnostic reagent can detect FIV antibodies quickly and simply within 10 minutes after dropping the samples.

Introduction


- + **Intended use** : Detection of Feline Immunodeficiency virus antibody
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Feline serum, plasma, or whole blood
- + **Component**
 - FIV Ab Rapid device
 - Dilution buffer bottle
 - Capillary tube
 - EDTA tube

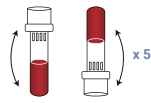


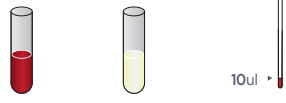
Features

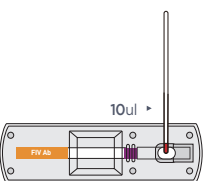
- + Clinical Sensitivity : 96.8%(30/31)
- + Clinical Specificity : 98.8%(253/256)

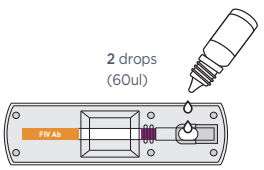
Test Procedure

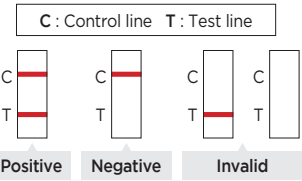
- 

1 Collect the whole blood sample and put it into anticoagulant tube.
- 

2 Close the cap on the EDTA tube and invert the tube five times to mix the whole blood sample and the EDTA.
- 

3 Take 10 ul of the sample using capillary tube into the blue line on the capillary tube.
Whole blood +EDTA Serum or Plasma (*Dark score line on the capillary tube is the indicator line for 10ul.)
- 

4 Add 10ul of serum, plasma, or whole blood into the sample hole on the test device.
- 

5 Add 2drops (approximately 60ul) of the assay diluents into the sample hole.
- 

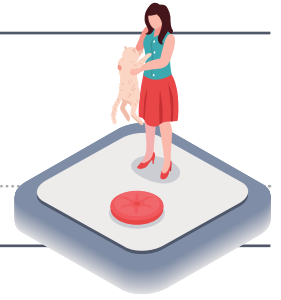
6 Read test results at 10 minutes.

C : Control line T : Test line

Positive: C line present, T line present.
 Negative: C line present, T line absent.
 Invalid: C line absent, T line present.

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PF-FIV-11 | VDRG® FIV Ab Rapid Kit | 10 Tests/Box |

VDRG[®] FeLV Ag Rapid Kit



Feline Leukemia Virus

Feline leukemia virus (FeLV) is a retrovirus that infects cats. FeLV can be transmitted from infected cats when the transfer of saliva, blood or nasal secretions is involved. If not defeated by the animal's immune system, the virus weakens the cat's immune system which can lead to diseases which can be lethal.

This test kit, the diagnostic reagent can detect FeLV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

+ **Intended use** : Detection of Feline Leukemia virus antigen

+ **Principle** : Immunochromatographic assay

+ **Specimen** : Feline serum, plasma, or whole blood

+ **Component**

- FeLV Ag Rapid device
- Dilution buffer bottle
- Capillary tube
- EDTA tube




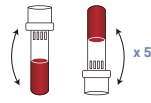
Features

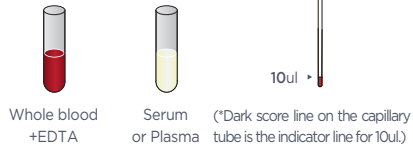
+ Clinical Sensitivity : 100%(44/44)

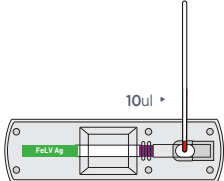
+ Clinical Specificity : 100%(75/75)

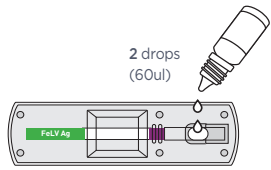
Test Procedure

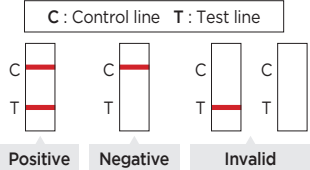
- 

1 Collect the whole blood sample and put it into EDTA tube.
- 

2 Close the cap on the EDTA tube and invert the tube five times to mix the whole blood sample and the EDTA.
- 

3 Take 10 ul of the sample using capillary tube into the blue line on the capillary tube.
(*Dark score line on the capillary tube is the indicator line for 10ul.)
- 

4 Add 10ul of feline serum, plasma or whole blood into the sample hole on the test device.
- 

5 Add 2 drops (approximately 60ul) of the assay diluents into the sample hole.
- 

6 Read test results at **10 minutes**.

C : Control line T : Test line

Positive: C and T lines present
 Negative: Only C line present
 Invalid: No lines present

| Cat No. | Product Name | Quantity |
|-----------|-------------------------------------|--------------|
| PF-FEL-11 | VDRG [®] FeLV Ag Rapid Kit | 10 Tests/Box |

VDRG[®] FeLV Ag / FIV Ab Rapid Kit



Feline Leukemia Virus & Feline Immunodeficiency Virus

This test kit, the diagnostic reagent can detect FeLV Ag/FIV Ab quickly and simply within 10 minutes after dropping the samples.

Introduction


- + **Intended use** : Detection of Feline Leukemia Virus (FeLV) antigen and Feline Immunodeficiency Virus (FIV) antibody
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Feline serum, plasma, or whole blood.
- + **Component**
 - FeLV Ag/FIV Ab Rapid device
 - Dilution buffer bottle
 - Capillary tube
 - EDTA tube

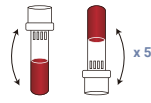


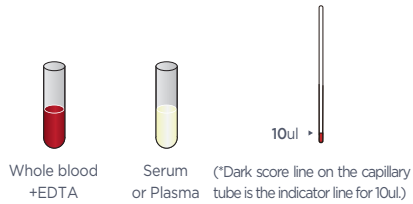
Features

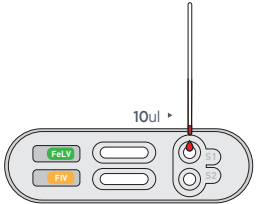
- + Clinical Sensitivity : FeLV Ag 100%(44/44), FIV Ab 96.8%(30/31)
- + Clinical Specificity : FeLV Ag 100%(75/75), FIV Ab 98.8%(253/256)

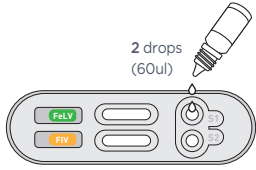
Test Procedure

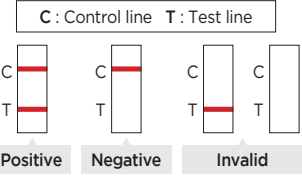
- 

1 Collect the whole blood sample and put it into EDTA tube.
- 

2 Close the cap on the EDTA tube and invert the tube five times to mix the whole blood sample and the EDTA.
- 

3 Take 10 ul of the sample using capillary tube into the blue line on the capillary tube. (*Dark score line on the capillary tube is the indicator line for 10ul.)
- 

4 Add 10ul of feline serum, plasma or whole blood into each the sample hole on the test device.
- 

5 Add 2drops (approximately 60ul) of the assay diluents into the sample hole.
- 

6 Read test results at **10 minutes**.

| Cat No. | Product Name | Quantity |
|-----------|--|--------------|
| PF-FEI-11 | VDRG [®] FeLV Ag/FIV Ab Rapid Kit | 10 Tests/Box |



VDRG® FPV Ag Rapid Kit

Feline Parvo Virus

Feline panleukopenia (FP) is a highly contagious viral disease of cats caused by the feline parvovirus. Kittens are most severely affected by the virus. The feline parvovirus infects and kills cells that are rapidly growing and dividing, such as those in the bone marrow, intestines, and the developing fetus.

This test kit, the diagnostic reagent can detect FPV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

+ **Intended use** : Detection of Feline Parvovirus antigen

+ **Principle** : Immunochromatographic assay

+ **Specimen** : Feline feces

+ **Component**

- FPV Ag Rapid device
- Sample dilution buffer
- Swabs
- Dropper



Features

+ Clinical Sensitivity : 97.4%(76/78)

+ Clinical Specificity : 98.4%(123/125)

+ Limit of Detection : $1 \times 10^{5.5}$ TCID₅₀/mL

Test Procedure

1 Swab the feces from the stool or rectums using the sample collection swab.

2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

3 Place the tube upright until the large particles go down (20sec).

4 Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.

5 Read test results at 10 minutes.

C : Control line T : Test line

Positive Negative Invalid

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PF-FPV-11 | VDRG® FPV Ag Rapid Kit | 10 Tests/Box |

VDRG® FCoV Ag Rapid Kit



Feline Corona Virus

Feline coronavirus (FCoV) is a positive-stranded RNA virus that infects cats worldwide. Feline coronavirus is typically shed in feces by healthy cats and transmitted by the fecal-oral route to other cats. This test kit, the diagnostic reagent can detect FCoV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Feline Coronavirus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Feline feces
- + **Component**
 - FCoV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

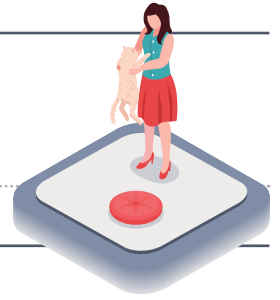
- + Clinical Sensitivity : 92.8%(13/14)
- + Clinical Specificity : 98.1%(52/53)
- + Limit of Detection : 1.97×10^4 TCID₅₀/mL

Test Procedure

-
- 1 Swab the feces from the stool or rectums using the sample collection swab.
 - Not enough (X)
 - Good (O)
 - Good (O)
 - Too Much (X)
 - 2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.
 - 3 Place the tube upright until the large particles go down.(20sec.)
 - 4 Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.
 - 5 Read test results at 10 minutes.
 - C : Control line T : Test line
 - Positive: C line present, T line present
 - Negative: C line present, T line absent
 - Invalid: C line absent, T line present or absent

| Cat No. | Product Name | Quantity |
|-----------|-------------------------|--------------|
| PF-FCV-13 | VDRG® FCoV Ag Rapid Kit | 10 Tests/Box |

VDRG[®] FPV / FCoV Ag Rapid Kit



Feline Parvo virus & Feline Corona virus

This test kit, the diagnostic reagent can detect FPV/FCoV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Feline Parvovirus(FPV) antigen and Feline Coronavirus(FCoV) antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Feline feces
- + **Component**
 - FPV/FCoV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

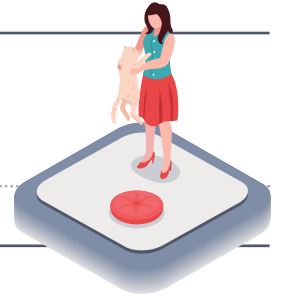
- + Clinical Sensitivity : FPV 97.4%(76/78), FCoV 92.8%(13/14)
- + Clinical Specificity : FPV 98.4%(123/125), FCoV 98.1%(52/53)
- + Limit of Detection : FPV $1 \times 10^{5.5}$ TCID₅₀/mL, FCoV 1.97×10^4 TCID₅₀/mL

Test Procedure

-
- 1** Swab the feces from the stool or rectums using the sample collection swab.
 - Not enough (X)
 - Good (O)
 - Good (O)
 - Too Much (X)
 - 2** Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.
 - 3** Place the tube upright until the large particles go down. (20sec.)
 - 4** Take the supernatant of sample solution using dropper, and then add 4 drops each the sample hole on the test device.
 - 5** Read test results at 10 minutes.
 - C : Control line T : Test line
 - Positive: C line present, T line present
 - Negative: C line present, T line absent
 - Invalid: C line absent, T line present or absent

| Cat No. | Product Name | Quantity |
|-----------|---|--------------|
| PF-FPC-12 | VDRG [®] FPV/FCoV Ag Rapid Kit | 10 Tests/Box |

VDRG® FPV/FCoV/Giardia Ag Rapid Kit



Feline Parvo virus & Feline Corona virus & Giardia

Feline Panleukopenia Virus (FPV), Feline Coronavirus (FCoV), and Giardia are major infectious agents that cause severe illness in cats. These pathogens spread through direct contact, contaminated environments, or ingestion of infected feces or water. Early detection is essential for treatment and preventing transmission.

This test kit, the diagnostic reagent can detect FPV/FCoV antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Feline Parvovirus(FPV), Feline Coronavirus(FCoV), Giardia antigens
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Feline feces
- + **Component**
 - FPV/FCoV/Giardia Ag Rapid Device
 - Sample Dilution Buffer for FPV/FCoV Ag (P)
 - Sample Dilution Buffer for Giardia Ag (G)
 - Swabs
 - Dropper



Features

- + This kit provides fast and accurate detection of three major feline pathogens in a single test.
- + Triple Detection: Simultaneously detects FPV, FCoV, and Giardia antigens.
- + Fast Results within 10 minutes after sample application.
- + Easy to use without equipment

Test Procedure

1 Swab the feces from the stool or rectums using the sample collection swab.

2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

3 Place the tube upright until the large particles go down(20sec).

4 Take the supernatant of sample solution using dropper, and then add 4 drops each the sample hole on the test device.

5 Read test results at 10 minutes.

Legend: C : Control line T : Test line

Positive: C line present, T line present

Negative: C line present, T line absent

Invalid: C line absent, T line present

| Cat No. | Product Name | Quantity |
|-----------|-------------------------------------|--------------|
| PF-FCG-11 | VDRG® FPV/FCoV/Giardia Ag Rapid Kit | 10 Tests/Box |

VDRG[®] Toxoplasma Ab Rapid Kit



Toxoplasma

Toxoplasmosis is a disease that results from infection with the *Toxoplasma gondii* parasite, one of the world's most common parasites. *Toxoplasma gondii* (*T. gondii*) is a single-celled parasitic organism that can infect most animals and birds. Because *T. gondii* infectious organisms are excreted only in cat feces, wild and domestic cats are the parasite's ultimate host.

This test kit, the diagnostic reagent can detect toxoplasma antibody quickly and simply within 10 minutes after dropping the samples.

Introduction

+ **Intended use** : Detection of Feline Toxoplasma antibody

+ **Principle** : Immunochromatographic assay

+ **Specimen** : Feline serum, plasma, or whole blood.

+ **Component**

- Toxoplasma Ab Rapid Test Device
- Sample Dilution Buffer
- Capillary tube
- EDTA tube




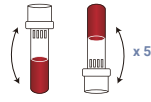
Features

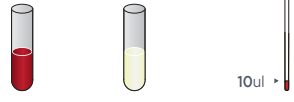
+ Clinical Sensitivity : 95.5%(21/22)

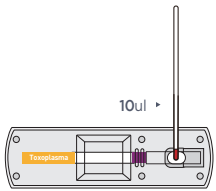
+ Clinical Specificity : 95.2%(139/146)

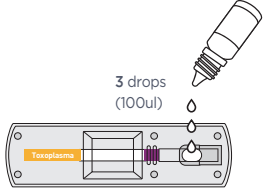
Test Procedure

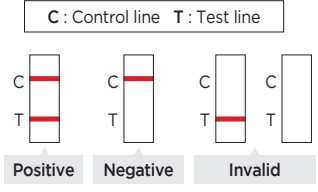
- 

1 Collect the whole blood sample and put it into anticoagulant tube.
- 

2 Close the cap on the EDTA tube and invert the tube five times to mix the whole blood sample and the EDTA.
- 

3 Take 10 ul of the sample using capillary tube into the blue line on the capillary tube.
 Whole blood +EDTA Serum or Plasma (*Dark score line on the capillary tube is the indicator line for 10ul.)
- 

4 Add 10ul of serum, plasma, or whole blood into the sample hole on the test device.
- 

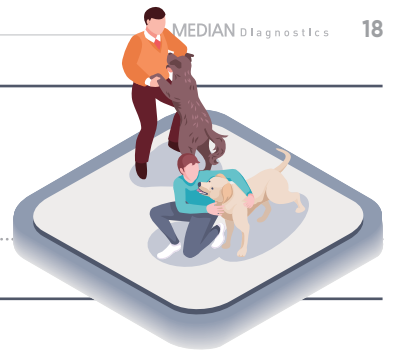
5 Add 3 drops (approximately 100ul) of the assay diluents into the sample hole.
- 

6 Read test results at 10 minutes.

C : Control line T : Test line

Positive: C line present, T line present
 Negative: C line present, T line absent
 Invalid: C line absent, T line present

| Cat No. | Product Name | Quantity |
|-----------|---|--------------|
| PF-TXP-11 | VDRG [®] Toxoplasma Ab Rapid Kit | 10 Tests/Box |



VDRG[®] CaFe Influenza Ag Rapid Kit

Canine&Feline Influenza

Influenza viruses that infect both canines and felines are zoonotic diseases, meaning they can spread between animals and humans. Canine influenza is primarily caused by the H3N8 and H3N2 strains, while feline influenza is often linked to H5N1 or H7N2. These viruses can mutate and adapt, posing a potential risk to humans. Since zoonotic influenza viruses can cross species barriers, monitoring and controlling their spread is crucial for public health and animal welfare.

VDRG[®] CaFe Influenza Ag Rapid kit is a lateral flow chromatographic immunoassay for the detection of Canine and Feline influenza virus (CFIV) in Canine and Feline pharyngeal swab or nasal swab.

Introduction

- + **Intended use** : Detection of Canine & Feline influenzavirus (CFIV) antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine and Feline pharyngeal swab or nasal swab
- + **Component**
 - CaFe Influenza Ag Rapid device
 - Dilution buffer
 - Swab
 - Dropper cap



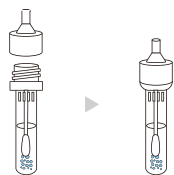
Features

- + Can detect influenzavirus in dogs and cats
- + No cross reaction with other dogs and cats diseases (CPV, CCV, CDV, CHW, FPV, FCoV, FeLV)
- + Fast result within 15 minutes
- + Easy-to-use without equipment

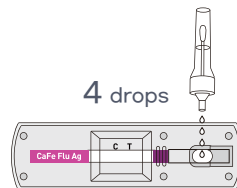
Test Procedure



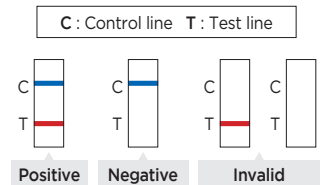
- 1** Collect the sample from pharyngeal swab or nasal swab with the Swab.
- 2** Put the sample swab in a tube containing the sample diluent, mix it 10 times, then cut the groove into the swab and cut off the rod, and let the head of the swab fall into the tube.



- 3** Attach the dropper cap to the tube containing the sample dilution solution and the cut swab to close it.



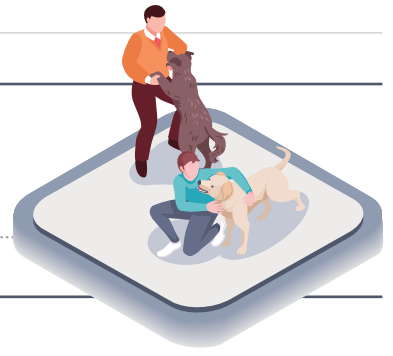
- 4** Add 4 drops of specimen to the sample hole of CaFe Influenza Ag Rapid device.



- 5** Read test results at 15 minutes.

| Cat No. | Product Name | Quantity |
|-----------|---|--------------|
| PM-CFI-11 | VDRG [®] CaFe Influenza Ag Rapid Kit | 10 Tests/Box |

VDRG® Giardia Ag Rapid Kit



Giardia

Giardia is a microscopic parasite that causes the diarrhea known as giardiasis. It's caused by a microscopic parasite called Giardia lamblia. Giardiasis spreads through contact with infected people. Pet animal and human can get giardiasis by eating contaminated food or drinking contaminated water.

This test kit, the diagnostic reagent can detect Giardia antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Giardia antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine or Feline feces
- + **Component**
 - Giardia Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper



Features

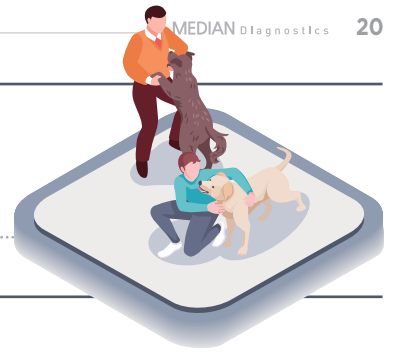
- + Clinical Sensitivity : 97.1%(34/35)
- + Clinical Specificity : 96.5%(109/113)
- + Limit of Detection : 125 G. cyst/100ul

Test Procedure

-
- 1 Collect the fecal sample from the stool or rectum using the sample collection swab.
 - Not enough (X)
 - Good (O)
 - Good (O)
 - Too Much (X)
 - 2 Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.
 - 3 Place the tube upright until the large particles go down(20sec).
 - 4 Take the supernatant of sample solution using dropper, and then add 4drops into the sample hole on the test device.
 - 5 Read test results at 10 minutes.
 - C : Control line T : Test line
 - Positive: C line present, T line present
 - Negative: C line present, T line absent
 - Invalid: C line absent, T line present or both absent

| Cat No. | Product Name | Quantity |
|-----------|----------------------------|--------------|
| PC-GID-11 | VDRG® Giardia Ag Rapid Kit | 10 Tests/Box |

VDRG® SFTSV Ag Rapid Kit



Severe Fever with Thrombocytopenia Syndrome

SFTSV (Severe Fever with Thrombocytopenia Syndrome Virus) is a zoonotic virus, meaning it can infect both humans and animals. Cases of SFTSV infection have been reported in dogs and cats, in addition to humans. The virus, belonging to the Phenuiviridae family, is primarily transmitted through tick bites. Infected animals have shown symptoms such as fever, lethargy, and organ failure.

VDRG® SFTSV Ag Rapid kit is a lateral flow chromatographic immunoassay for the detection of SFTSV in Canine and Feline whole blood or plasma.

Introduction


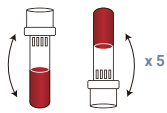
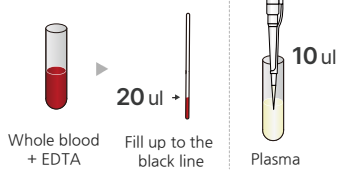
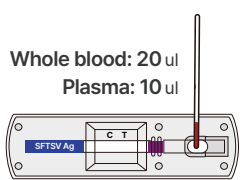
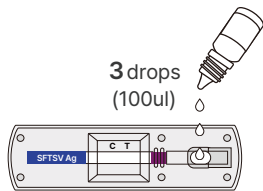
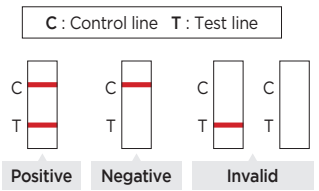
- + **Intended use** : Detection of Severe Fever with Thrombocytopenia Syndrome (SFTS) virus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Whole blood or plasma from dogs and cats
- + **Component**
 - SFTSV Ag Rapid Device
 - Dilution buffer bottle
 - Capillary tube
 - EDTA tube



Features

- + Rapid diagnostic kit applicable to both dogs and cats
- + Early detection solution for zoonotic and secondary infections
- + Results in 15 minutes after sample application
- + Clinical specificity: 100% (200/200)

Test Procedure

- 1 Collect the whole blood sample and put it into anticoagulant tube. 
- 2 Close the cap on the EDTA tube and invert the tube five times to mix the whole blood sample and the EDTA. 
- 3 Using a capillary tube, collect whole blood up to the black line indicated (20 ul). For plasma, collect 10 ul using a micropipette. 
- 4 Add the collected sample into the sample hole. 
- 5 After 1-3 minutes, add 3 drops (100 ul) of the dilution buffer to the sample hole of the test device. *If the specimen does not flow within 5 minutes, add an additional 1 drop (30 ul) of dilution buffer. 
- 6 Read test results at 10 minutes. 

| Cat No. | Product Name | Quantity |
|-----------|--------------------------|-----------------------|
| PM-SFT-11 | VDRG® SFTSV Ag Rapid Kit | 5 Tests, 10 Tests/Box |



"For One Health"