

COMPANION ANIMAL

Rapid kit Product Catalogue

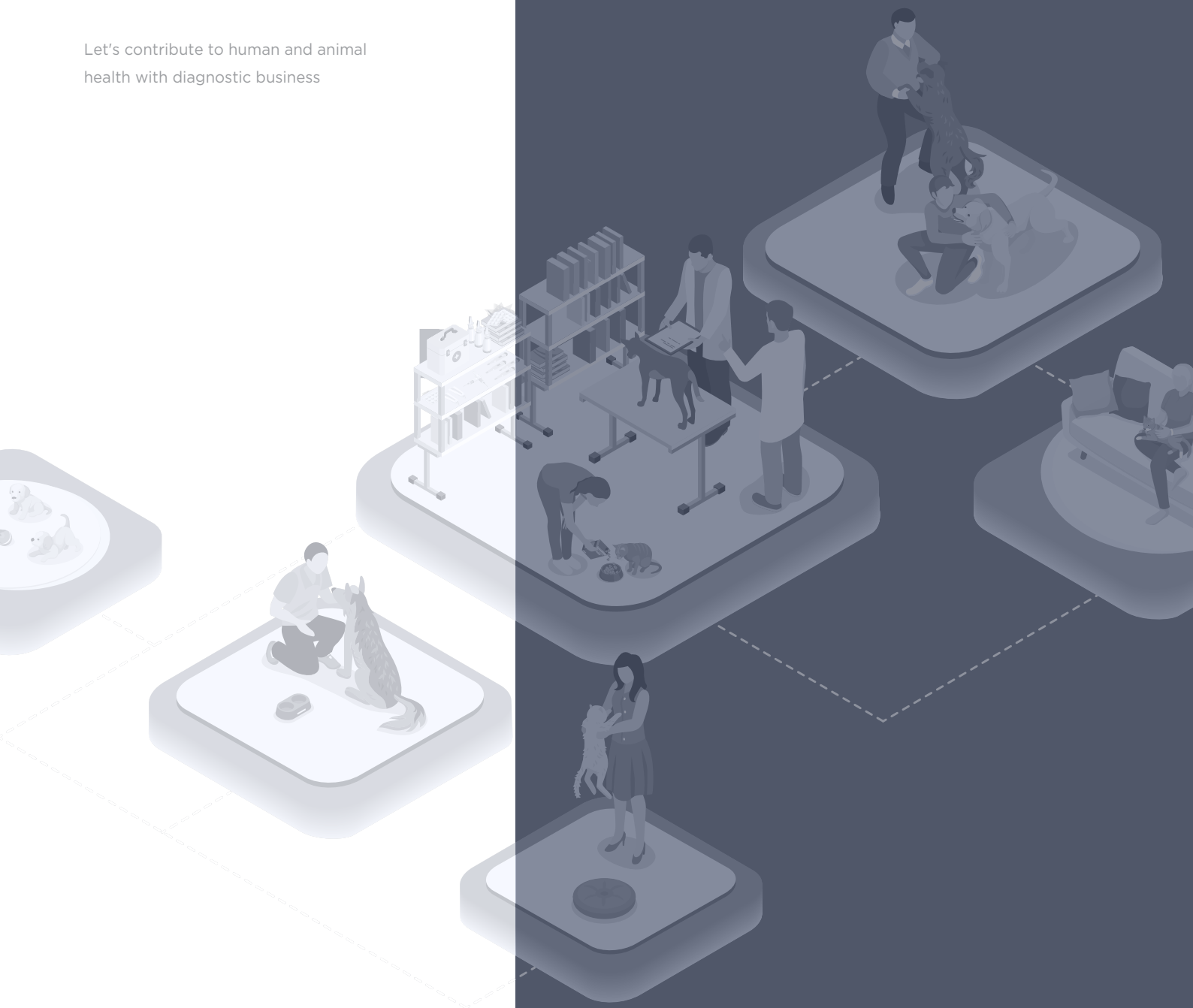


Let's contribute to human and animal health with diagnostic business

COMPANION ANIMAL

Rapid kit Product Catalogue

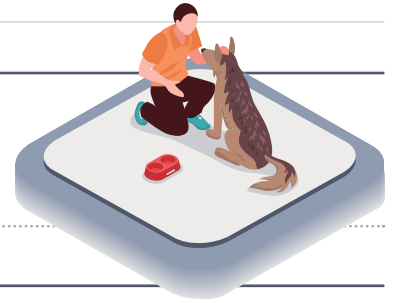
Let's contribute to human and animal health with diagnostic business





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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

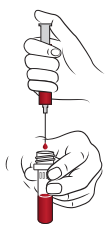
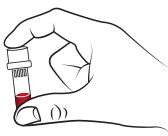
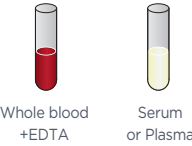
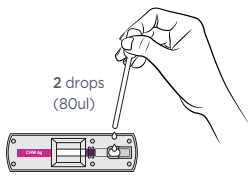
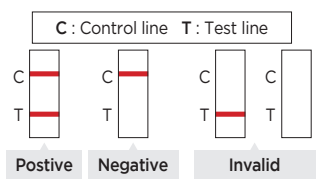
- + **Intended use** : Detection of Canine Heartworm antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine serum, plasma, or whole blood
- + **Component**
 - CHW Ag Rapid device
 - Anticoagulant tube
 - Sample dropper



Features

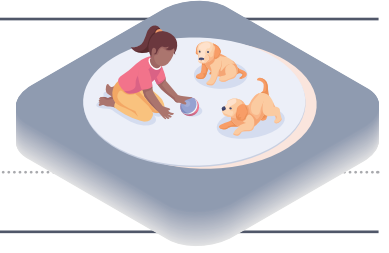
- + Male and female canine *dirofilaria immitis* can be diagnosed.
- + Clinical Sensitivity : 96.4%(53/55)
- + Clinical Specificity : 100%(30/30)

Test Procedure

- 1  Collect the whole blood sample and put it into anticoagulant tube.
- 2  Close the cap on the anticoagulant tube and invert the tube five times to mix the whole blood sample and the EDTA.
- 3  Take the sample (serum, plasma, or whole blood) using sample dropper.
- 4  Add 2 drops (approximately 80ul) of sample into the sample hole on the test device.
- 5  Read test results after 10 minutes.

| 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% | | |

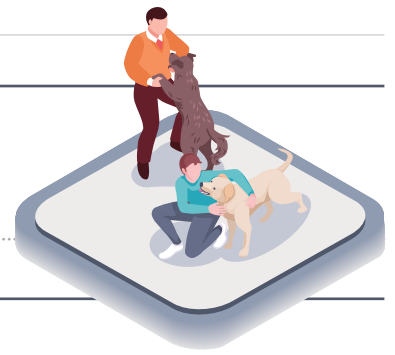
Test Procedure

- 1** 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 after 10 minutes.

C : Control line T : Test line

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

| 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 after 10 minutes.

| 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

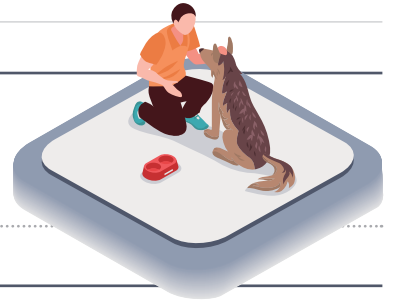
- + No cross-reactivity with infectious pathogens which could in dogs.
- + CPV 2, CPV 2a, CPV 2b diagnosis possible
- + Limit of Detection : 5×10^3 TCID₅₀/mL
- + Clinical Sensitivity & Specificity vs PCR

| | 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 after 10 minutes.

| 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 &

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

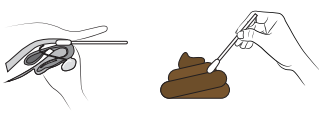

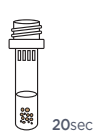
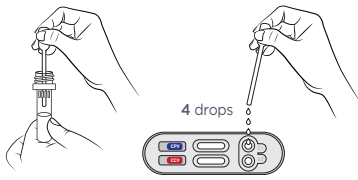
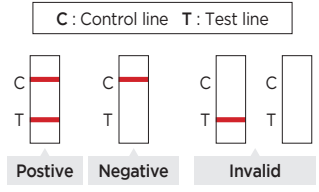


Features

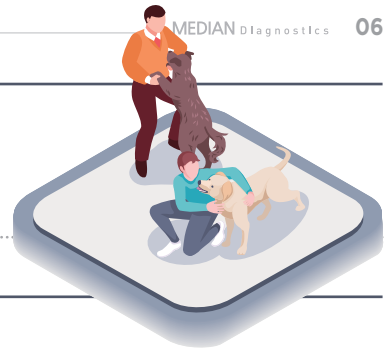
- + **Limit of Detection** : CCV 1×10^5 TCID₅₀/mL, CPV 5×10^3 TCID₅₀/mL

| | RT-PCR | | | | PCR | | |
|---------------|--|------------|------------|---------------|---|------------|------------|
| | + | - | Total | | + | - | Total |
| VDRG® CCV Ag | 56 | 3 | 59 | VDRG® CPV Ag | 101 | 0 | 101 |
| | 3 | 118 | 121 | | 2 | 214 | 216 |
| Total | 59 | 121 | 180 | Total | 103 | 214 | 317 |
| Result | Sensitivity : 94.9% Specificity : 97.5% | | | 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 after 10 minutes.
 

| 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

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

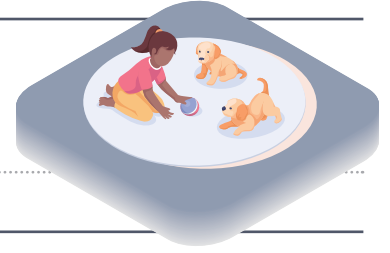
- + Clinical Sensitivity : CPV 98.1%(101/103), CCV 94.9%(56/59), Giardia 97.1%(34/35)
- + Clinical Specificity : CPV 100%(214/214), CCV 97.5%(118/121), Giardia 96.5%(109/113)
- + Limit of Detection : CPV 5×10^3 TCID₅₀/mL, CCV 1×10^5 TCID₅₀/mL, Giardia 125 G. cyst/100ul

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 after 10 minutes.

| Cat No. | Product Name | Quantity |
|-----------|------------------------------------|-------------|
| PC-CCG-11 | VDRG® CPV/CCV/Giardia Ag Rapid Kit | 5 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 after 10 minutes.

C : Control line T : Test line

Positive: C (blue line), T (red line)
 Negative: C (blue line), T (no line)
 Invalid: C (no line), T (red line)

| 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 Ehrlichiaeae. 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
- Anticoagulant tube





Features

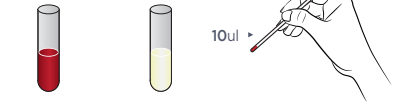
+ Clinical Sensitivity : 98.3%(121/123)

+ Clinical Specificity : 100%(305/305)

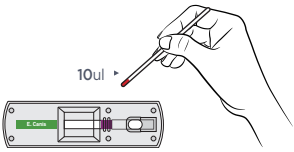
Test Procedure

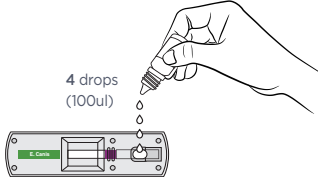
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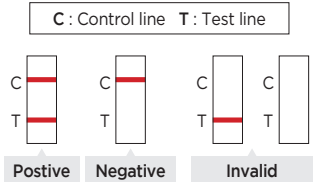
1 Collect the whole blood sample and put it into anticoagulant tube.
- 

2 Close the cap on the anticoagulant 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 10 ul of the sample into the sample hole on the test device
- 

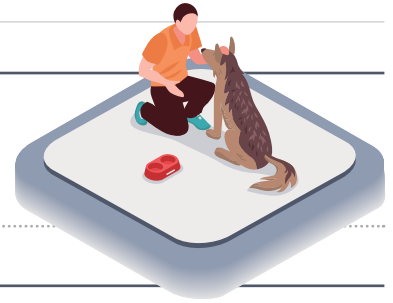
5 Add 4 drops (approximately 100ul) of the dilution buffer into the sample hole
- 

6 Read test results after 10 minutes.

C : Control line T : Test line

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

| 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

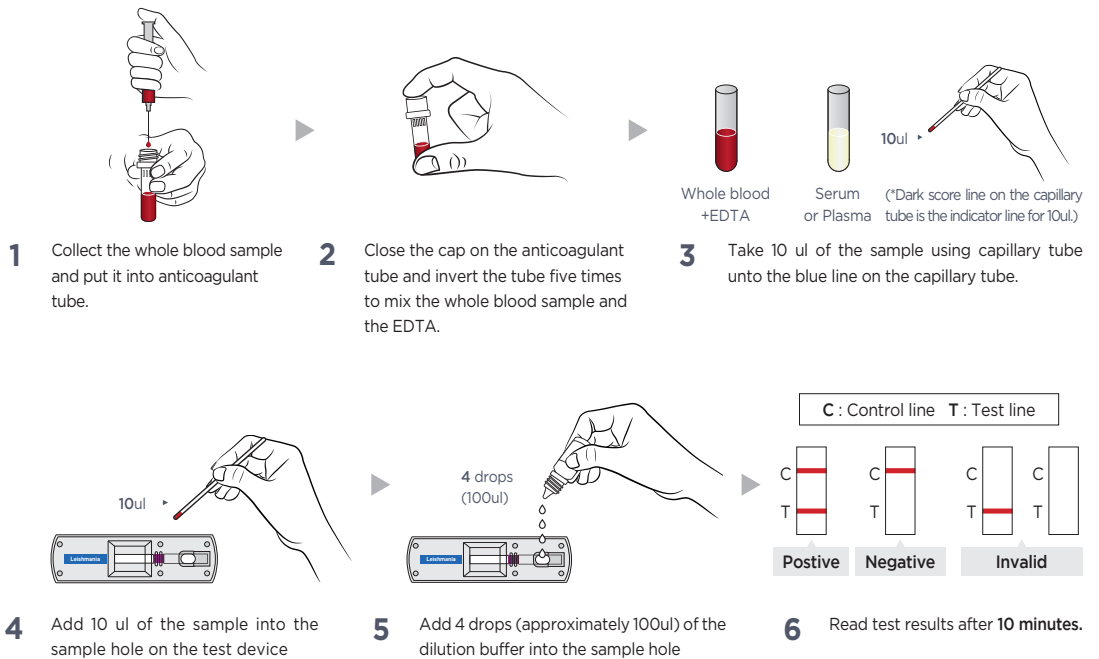
- + **Intended use** : Detection of Leishmania antibody
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine whole blood, plasma, serum
- + **Component**
 - Leishmania Ab Rapid device
 - Dilution buffer bottle
 - Capillary tube
 - Anticoagulant tube



Features

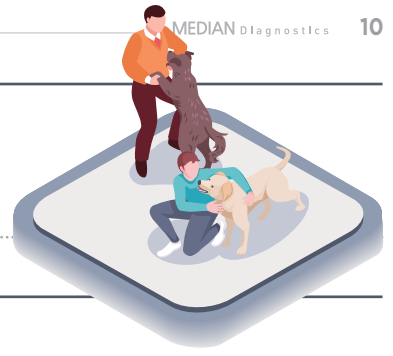
- + Clinical Sensitivity : 97.6%(120/123)
- + Clinical Specificity : 100%(305/305)

Test Procedure



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

VDRG® 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
 - Good
 - Good
 - Too Much
- 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 after 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® FIV Ab Rapid Kit



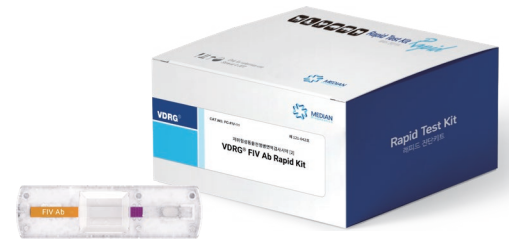
Feline Immunodeficiency Virus

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
 - Anticoagulant tube




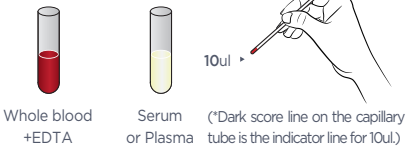
Features

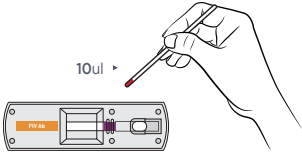
- + Clinical Sensitivity : 96.8%(30/31)
- + Clinical Specificity : 98.8%(253/256)

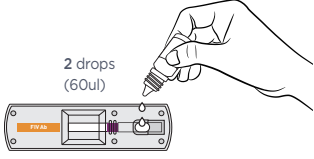
Test Procedure

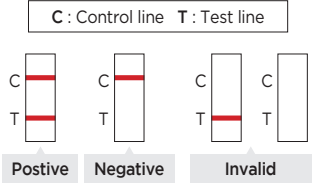
- 

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

2 Close the cap on the anticoagulant 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 2 drops (approximately 60ul) of the assay diluents into the sample hole.
- 

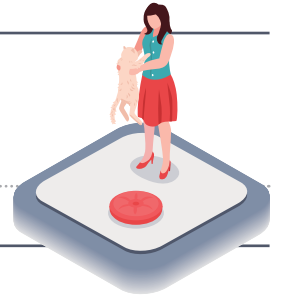
6 Read test results after 10 minutes.

C : Control line T : Test line

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

| Cat No. | Product Name | Quantity |
|-----------|------------------------|--------------|
| PC-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
- Anticoagulant tube





Features

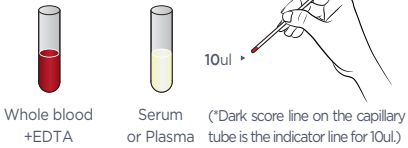
+ Clinical Sensitivity : 100%(44/44)

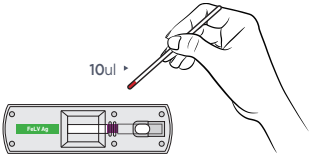
+ Clinical Specificity : 100%(75/75)

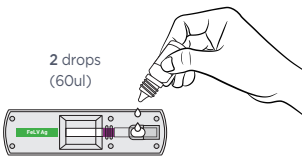
Test Procedure

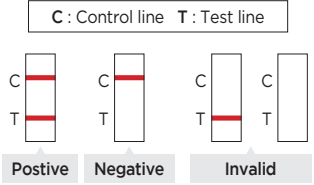
- 

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

2 Close the cap on the anticoagulant 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 1 drop (approximately 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 after 10 minutes.

C : Control line T : Test line

Positive Negative Invalid

| 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
 - Anticoagulant tube




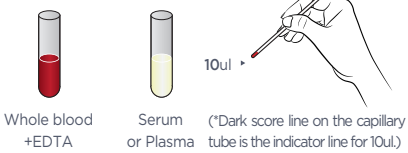
Features

- + 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)

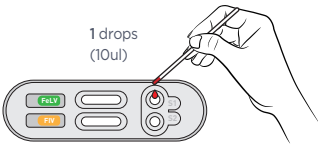
Test Procedure

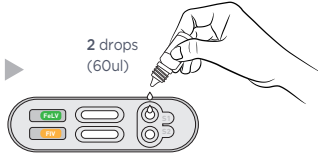
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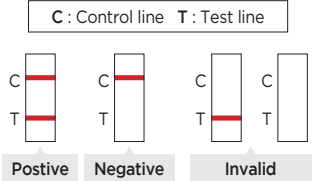
1 Collect the whole blood sample and put it into anticoagulant tube.
- 

2 Close the cap on the anticoagulant 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 1 drop (approximately 10ul) of feline serum, plasma or whole blood into each the sample hole on the test device.
- 

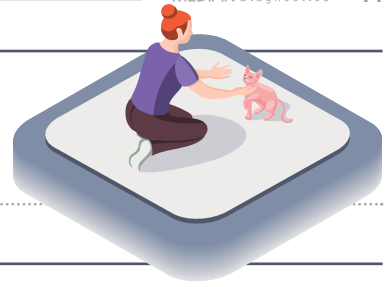
5 Add 2 drops (approximately 60ul) of the assay diluents into the sample hole.
- 

6 Read test results after 10 minutes.

C : Control line T : Test line

Positive Negative Invalid

| 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 after 10 minutes.

Legend: C : Control line T : Test line

Results:

- 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-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

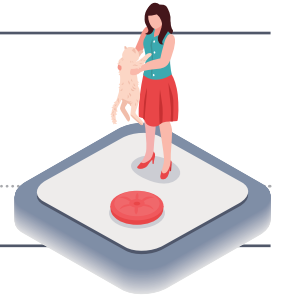
Test Procedure

-
- 1** Swab the feces from the stool or rectums using the sample collection swab.
 - Not enough
 - Good
 - Good
 - Too Much
 - 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 after 10 minutes.

| C : Control line | | T : Test line | |
|------------------|----------|---------------|---|
| C | T | C | T |
| — | — | — | — |
| Positive | Negative | Invalid | |

| 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.

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.

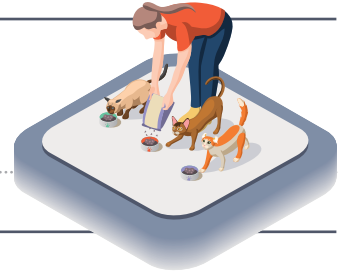
5 Read test results after 10 minutes.

Legend: C : Control line T : Test line

Results: Positive (C+, T+), Negative (C+, T-), Invalid (C-, T-)

| Cat No. | Product Name | Quantity |
|-----------|-----------------------------|--------------|
| PF-FPC-12 | VDRG® FPV/FCoV 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
- Anticoagulant tube

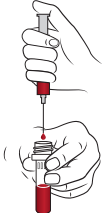



Features

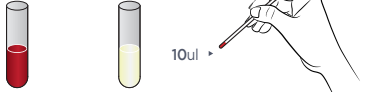
+ Clinical Sensitivity : 95.5%(21/22)

+ Clinical Specificity : 95.2%(139/146)

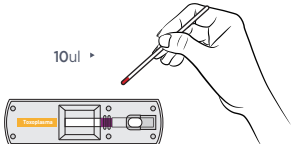
Test Procedure

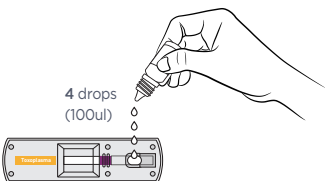
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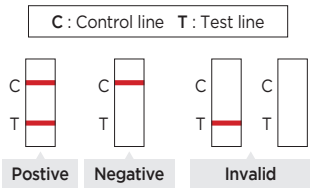
1 Collect the whole blood sample and put it into anticoagulant tube.
- 

2 Close the cap on the anticoagulant 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 4 drops (approximately 100ul) of the assay diluents into the sample hole.
- 

6 Read test results after 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-TXP-11 | VDRG [®] Toxoplasma Ab Rapid Kit | 10 Tests/Box |

MEDIAN Diagnostics Product List



VDRG® / VDRF® Rapid Kit

| | Species | Cat. No. | Product Name | Quantity | |
|-------------------------|----------------------------|-------------------------|--|-----------------------------|-------------------------------------|
| Companion Animal | Canine | PC-CHW-11 | VDRG® CHW Ag Rapid kit | 10 Tests/Box | |
| | | PC-CDV-11 | VDRG® CDV Ag Rapid kit | 10 Tests/Box | |
| | | PC-CCV-11 | VDRG® CCV Ag Rapid kit | 10 Tests/Box | |
| | | PC-CPV-11 | VDRG® CPV Ag Rapid kit | 10 Tests/Box | |
| | | PC-CCP-12 | VDRG® CCV / CPV Ag Rapid kit | 10 Tests/Box | |
| | | PC-CCG-11 | VDRG® CPV / CCV / Giardia Ag Rapid kit | 10 Tests/Box | |
| | | PC-CIV-11 | VDRG® CIV Ag Rapid kit | 10 Tests/Box | |
| | | PC-ECA-11 | VDRG® E.Canis Ab Rapid kit | 10 Tests/Box | |
| | | PC-LEI-11 | VDRG® Leishmania Ab Rapid kit | 10 Tests/Box | |
| | Canine & Feline | PC-GID-11 | VDRG® Giardia Ag Rapid kit | 10 Tests/Box | |
| | Feline | PF-FIV-11 | VDRG® FIV Ab Rapid kit | 10 Tests/Box | |
| | | PF-FEL-11 | VDRG® FeLV Ag Rapid kit | 10 Tests/Box | |
| | | PF-FEI-11 | VDRG® FeLV Ag / FIV Ab Rapid kit | 10 Tests/Box | |
| | | PF-FPV-11 | VDRG® FPV Ag Rapid kit | 10 Tests/Box | |
| | | PF-FCV-13 | VDRG® FCoV Ag Rapid kit | 10 Tests/Box | |
| | | PF-FPC-12 | VDRG® FPV / FCoV Ag Rapid kit | 10 Tests/Box | |
| | | PF-TXP-11 | VDRG® Toxoplasma Ab Rapid kit | 10 Tests/Box | |
| | | Livestock Animal | Ruminant | PM-FMD-16 | VDRG® FMDV 3Diff / PAN Ag Rapid kit |
| PM-FMD-15 | | | | VDRG® FMDV PAN Ag Rapid kit | 10 Tests/Box |
| Bovine | PB-BRU-11 | | VDRG® Bovine Brucella Ab Rapid Kit | 10 Tests/Box | |
| | PB-BLV-11 | | VDRG® BLV Ab Rapid kit | 10 Tests/Box | |
| | PB-BD5-11 | | VDRG® BoviDia 5 Ag Rapid kit | 10 Tests/Box | |
| Swine | PS-ASF-11 | | VDRF® ASFV Ag Rapid kit | 30 Tests/Box | |
| | PS-PED-11 | | VDRG® PEDV Ag Rapid Kit | 10 Tests/Box | |
| | PS-TGE-11 | | VDRG® TGEV Ag Rapid Kit | 10 Tests/Box | |
| | PS-ROT-11 | | VDRG® ROTA Ag Rapid Kit | 10 Tests/Box | |
| Poultry | PP-AIV-12 | | VDRG® AIV Ag Rapid kit 2.0 | 30 Tests/Box | |

MEDIAN Diagnostics Product List



VDPro® ELISA Kit

| Species | Cat No. | Product Name | Quantity |
|-----------|-----------|---|-------------------------------|
| Ruminant | EB-BRU-01 | VDPro® Brucella AB ELISA | 192 Tests, 480 Tests/Box |
| | EB-BLV-01 | VDPro® Bovine Leukosis Ab b-ELISA | 192 Tests, 480 Tests/Box |
| | EB-BTB-01 | VDPro® Bovine Tuberculosis AB ELISA | 192 Tests, 480 Tests/Box |
| | EB-BVD-01 | VDPro® BVDV AB ELISA | 192 Tests, 480 Tests/Box |
| | EM-FMD-01 | VDPro® FMDV NSP AB ELISA | 192 Tests, 480 Tests/Box |
| | EM-FMD-02 | Foot and Mouth Disease VDPro® FMDV Type O ELISA | 192 Tests, 480 Tests/Box |
| | EM-FMD-03 | *DIVA VDPro® FMDV Type A AB ELISA | 192 Tests, 480 Tests/Box |
| | EM-FMD-04 | VDPro® FMDV Type Asia1 AB ELISA | 192 Tests, 480 Tests/Box |
| | EM-FMD-06 | VDPro® FMDV/SVA Ag ELISA | 96 Tests/Box |
| | Swine | ES-ASF-05 | VDPro® ASFV Ab i-ELISA ver2.0 |
| ES-CSF-02 | | Systemic Disease VDPro® CSFV Ab c-ELISA (*blocking ELISA) | 192 Tests, 480 Tests/Box |
| ES-CSF-03 | | VDPro® CSFV AG ELISA | 192 Tests/Box |
| ES-PCV-01 | | VDPro® PCV2 AB ELISA | 192 Tests, 480 Tests/Box |
| ES-ADV-01 | | Reproductive Failure Disease (RFD) VDPro® ADV AB Screen ELISA (*DIVA) | 192 Tests, 480 Tests/Box |
| ES-ADV-02 | | VDPro® ADV gI AB ELISA (*DIVA) | 192 Tests, 480 Tests/Box |
| ES-JEV-01 | | VDPro® Japanese Encephalitis AB ELISA | 192 Tests, 480 Tests/Box |
| ES-AP2-01 | | VDPro® APP2 AB ELISA | 192 Tests, 480 Tests/Box |
| ES-AP5-01 | | Respiratory Disease (RD) VDPro® APP5 AB ELISA | 192 Tests, 480 Tests/Box |
| ES-HPA-01 | | VDPro® HP AB ELISA | 192 Tests, 480 Tests/Box |
| ES-MHY-01 | | VDPro® MH AB ELISA | 192 Tests, 480 Tests/Box |
| ES-PRR-03 | | RFD & RD VDPro® PRRSV AB ELISA | 192 Tests, 480 Tests/Box |
| Poultry | | EP-AIV-01 | VDPro® AIV AB ELISA |
| | EP-IBD-01 | VDPro® IBDV AB ELISA | 192 Tests, 480 Tests/Box |
| | EP-IBV-01 | VDPro® IBV AB ELISA | 192 Tests, 480 Tests/Box |
| | EP-MSY-01 | VDPro® MS AB ELISA | 192 Tests, 480 Tests/Box |
| | EP-NDV-01 | VDPro® NDV AB ELISA | 192 Tests, 480 Tests/Box |

MEDIAN
 Diagnostics **Product List**

VDx® Conventional PCR & Real-time PCR Kit

| Species | Cat No. | Product Name | Quantity |
|-----------------|--------------|---------------------------------------|--------------------------------|
| Ruminant | NB-BLV-11 | VDx® BLV PCR | 50 Tests/Box |
| | NB-BLV-12 | VDx® BLV nested PCR | 50 Tests/Box |
| | NB-BLV-31 | VDx® BLV qPCR | 96 Tests/Box |
| | NB-BVD-31 | VDx® BVDV qRT-PCR(type1,2 dual) | 96 Tests/Box |
| | NM-FMD-31 | VDx® FMDV qRT-PCR | 96 Tests/Box |
| | NM-FMD-32 | VDx® FMDV O qRT-PCR | 96 Tests/Box |
| | NM-FMD-33 | VDx® FMDV A qRT-PCR | 96 Tests/Box |
| | NM-FMD-34 | VDx® FMDV Asia1 qRT-PCR | 96 Tests/Box |
| | NM-ROT-11 | VDx® Rotavirus VP6 RT-PCR | 50 Tests/Box |
| | Swine | NS-ABO-11 | VDx® Abortion MP PCR (PPV/ADV) |
| NS-ABO-12 | | VDx® Abortion MP RT-PCR II (EMCV/JEV) | 50 Tests/Box |
| NS-ADV-31 | | VDx® ADV qPCR | 96 Tests/Box |
| NS-ASF-31 | | VDx® ASFV qPCR | 96 Tests/Box |
| NS-ASF-32 | | VDx® ASFV/CSFV qRT-PCR | 96 Tests/Box |
| NS-CSF-11 | | VDx® CSFV 5'NCR RT-PCR | 50 Tests/Box |
| NS-CSF-31 | | VDx® CSFV qRT-PCR | 96 Tests/Box |
| NS-PCV-11 | | VDx® PCV2 ORF2 PCR | 50 Tests/Box |
| NS-PCV-31 | | VDx® PCV2 qPCR | 96 Tests/Box |
| NS-PED-11 | | VDx® PEDV S RT-PCR | 50 Tests/Box |
| NS-PED-31 | | VDx® PEDV qRT-PCR(group 1,2 dual) | 96 Tests/Box |
| NS-PRR-11 | | VDx® PRRSV ORF7 RT-PCR | 50 Tests/Box |
| NS-PRR-12 | | VDx® PRRSV NA/EU Typing Nested PCR | 50 Tests/Box |
| NS-PRR-13 | | VDx® PRRSV HP MP RT-PCR | 50 Tests/Box |
| NS-PRR-31 | | VDx® PRRSV qRT-PCR | 96 Tests/Box |
| NS-PRP-31 | | VDx® PRRSV/PCV2 qRT-PCR | 96 Tests/Box |
| NS-SIV-11 | | VDx® SIV RT-PCR | 50 Tests/Box |
| NS-SIV-12 | | VDx® SIV NF MP RT-PCR | 50 Tests/Box |
| Poultry | NP-AIV-34 | VDx® AIV H9 qRT-PCR | 96 Tests/Box |
| | NP-AIV-38 | VDx® AIV M qRT-PCR Ver2.1 | 96 Tests/Box |
| | NP-AIV-39 | VDx® AIV H5 qRT-PCR Ver2.1 | 96 Tests/Box |
| | NP-AIV-3A | VDx® AIV H7 qRT-PCR Ver2.1 | 96 Tests/Box |
| | NP-FTI-11 | VDx® Fowl Typhoid Dif PCR | 50 Tests/Box |
| Equine | NH-CEM-31 | VDx® CEM qPCR | 96 Tests/Box |



"For One Health"



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