DIAGNOSTIC RAPID TESTS
With diagnostic rapid tests from Zoetis, you get more of what you want and less of what you don’t want: more options, more confidence, less hassle, less waiting. VETSCAN® and WITNESS® diagnostic rapid tests offer you the flexibility to do single or multiplex testing, so you can test for what is needed to make the right clinical decisions, and prevent wasted time and expense. Get accurate, fast, and clear point-of-care results with Zoetis.

Zoetis investigates all reported discrepant or unexpected results.

**VETSCAN Technical Support**
24/7
1 800 822 2947
Confirmation testing available for:
VETSCAN Flex4
VETSCAN Heartworm
VETSCAN Lyme
VETSCAN Anaplasma
VETSCAN Ehrlichia

**WITNESS Technical Support**
Monday-Friday 9am-7pm ET
1 888 ZOETIS1 (963-8471)
Confirmation testing available for:
WITNESS Heartworm
WITNESS FeLV-FIV
WITNESS FFH
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- Also available for tick-borne disease testing
- Also available for feline testing
- Must be read with the VETSCAN VUE Rapid Test Analyzer
The VETSCAN Canine Flex4 Rapid Test is a convenient and easy-to-use visual rapid test for the qualitative detection of antibodies to Anaplasma phagocytophilum, A. platys, Borrelia burgdorferi, Ehrlichia canis, E. chaffeensis, E. ewingii, and Dirofilaria immitis antigens in canine whole blood, serum or plasma.

Also available for tick-borne disease testing
**Heartworm Rapid Test**

VETSCAN and WITNESS Heartworm Rapid Tests are convenient, easy-to-use visual rapid tests for the qualitative detection of *Dirofilaria immitis* antigen associated with heartworm disease in dogs and cats.

- Add 1 drop of anticoagulated whole blood, serum, or plasma to the sample well.
- Add 2 drops of chase buffer provided to the sample well.
- Read results at 10 minutes.

Positive Example

Also available for feline infectious disease testing.
WITNESS Lepto detects the primary immune response (immunoglobulin M \([\text{IgM}]\) antibodies) that develops within one week of exposure to canine leptospires.\(^1\,\text{,}\,^2\)

**Lepto Rapid Test**

**Test Instructions**

1. **Grip the pipette by the stem.** Hold a tube of sample and pipette at an angle to allow proper filling of pipette. **Without squeezing the bulb,** place the tip of the pipette in the sample. The capillary tube in the pipette will fill automatically in 2-3 seconds. Remove pipette from sample when the capillary tube has filled.

2. **Touch the tip of the pipette to the sample pad and carefully squeeze the bulb** to express the sample (5 µl), making sure fingers are covering the vent holes on the pipette bulb.

3. **Add 3 drops** of chase buffer provided to the sample well. Read results at 10 minutes. **Positive Example**
TICK-BORNE DISEASE
**Anaplasma Rapid Test**

The VETSCAN Canine Anaplasma Rapid Test is a convenient and easy-to-use visual rapid test for the qualitative detection of antibodies to *A. phagocytophilum* and/or *A. platys* in canine whole blood, serum, or plasma.

**Lyme Rapid Test**

The VETSCAN Canine Lyme Rapid Test is a convenient and easy-to-use visual rapid test for the qualitative detection of antibodies to *Borrelia burgdorferi* in canine whole blood, serum, or plasma.

**Ehrlichia Rapid Test**

The VETSCAN Canine Ehrlichia Rapid Test is a convenient and easy-to-use visual rapid test for the qualitative detection of antibodies to *E. canis*, *E. chaffeensis*, and *E. ewingii* in canine whole blood, serum, or plasma.

**Test Instructions**

1. Add 1 drop of anticoagulated whole blood, serum, or plasma to the sample well.
2. Add 3 drops of chase buffer provided to the sample well.
3. Read results within 8-10 minutes. Positive Example
FELINE INFECTIOUS DISEASE
FeLV/FIV Rapid Test

VETSCAN and WITNESS FeLV/FIV Rapid Tests are convenient, easy-to-use, in-clinic test kits for the qualitative detection of feline leukemia virus antigen and feline immunodeficiency virus antibodies in feline whole blood, serum, or plasma.

VETSCAN Test Instructions

1. Add 1 drop of anticoagulated whole blood, serum, or plasma to the sample well.

2. Add 2 drops of chase buffer provided to the sample well.

3. Read results at 10 minutes. FIV Positive Example

WITNESS Test Instructions

1. Add 1 drop of anticoagulated whole blood, serum, or plasma to each sample well.

2. Add 2 drops of chase buffer provided to each sample well.

3. Read results at 10 minutes. FIV Positive Example

VETSCAN now available as a single strip test

Read at 10 minutes

Room temperature storage

Available in 10 test kit & 25 test kit
FeLV Rapid Test

WITNESS FeLV is a convenient, easy-to-use, in-clinic test that detects the presence of the feline leukemia virus antigen that is found in high levels in infected cats. Antigen test results are not affected by FeLV vaccination or maternal antibodies. Kittens can be tested at any age.

Test Instructions

1. Add 1 drop of anticoagulated whole blood, serum, or plasma to the sample well.
2. Add 2 drops of chase buffer provided to the sample well.
3. Read results at 10 minutes.

Positive Example
WITNESS FFH is a triple test kit that detects antigens to feline heartworm and feline leukemia (FeLV) and antibodies to feline immunodeficiency virus (FIV).

**Test Instructions**

1. **Add 1 drop** of anticoagulated whole blood, serum, or plasma to each sample well.
2. **Add 2 drops** of the chase buffer provided to each sample well.
3. Read results at 10 minutes. FeLV Positive Example
Parvo Rapid Test

VETSCAN and WITNESS Parvo Rapid Tests are convenient and easy-to-use in-clinic tests for the qualitative detection of parvovirus antigens in canine feces.³

**VETSCAN Test Instructions**

1. Coat the swab uniformly with a thin layer of sample. Break the seal to release sample diluent. Squeeze the bulb 5 to 6 times to completely mix the sample.

2. Transfer 3 drops of sample into the sample well.

3. Read results within 10-15 minutes. Positive Example

**WITNESS Test Instructions**

1. Dispense buffer into tube up to graduation mark. Collect feces swab and insert it into the tube. Tap to mix. Break the top of the swab at the blue line.

2. Invert and use the device to dispense 5 drops of sample.

3. Read results at 10 minutes. Positive Example
**Giardia Rapid Test**

The VETSCAN Canine Giardia Rapid Test is a highly sensitive and specific test for the qualitative detection of Giardia cyst antigens in canine feces.

**Test Instructions**

1. Coat the swab uniformly with a thin layer of sample. Break the seal to release sample diluent. Squeeze the bulb 5 to 6 times to completely mix the sample.

2. Transfer 3 drops of sample into the sample well.

3. Read results within 10-15 minutes. Positive Example

**Fecal Sample Collection Guide for Parvo and Giardia Rapid Tests**

- The sample amount is insufficient and not recommended for testing.
- The swab is coated uniformly with a thin layer of sample. It is recommended to use this amount of fecal sample for testing.
- The sample amount is excessive and not recommended for testing.

**Available in 10 test kit & 20 test kit**

- Read within 10-15 minutes
- Room temperature storage
PANCREATIC
The VETSCAN Canine Pancreatic Lipase (cPL) Rapid Test is a convenient and easy-to-use in-clinic test for the semi-quantitative detection of pancreas-specific lipase in canine serum or plasma.

Must be read with the VETSCAN VUE Rapid Test Analyzer

**Test Instructions**

1. Add 1 drop of serum or plasma* to the sample well.
   *Serum or plasma only - no whole blood

2. Add 3 drops of Chase Buffer to the sample well.

3. Insert cassette into VUE. Initiate a Timed Scan in the VUE app. Check mobile device display for numeric result when timer completes.
REPRODUCTION
LH Rapid Test

WITNESS LH helps pinpoint the optimum time for canine breeding by identifying the day of the luteinizing hormone (LH) surge. It may also aid in distinguishing between ovariectomized female dogs or cats from those that are sexually intact.

Also available for feline reproduction testing

**Test Instructions**

1. Add 4 drops of serum* to the sample well.
   *Serum only - no whole blood or plasma

2. Read results at 20 minutes.
   LH Positive Example
   *Test Line "2" is darker or similar in intensity to Control Line "3"
WITNESS Relaxin offers an early, reliable means for determining pregnancy status in dogs and cats.

Also available for feline reproduction testing

**Relaxin Rapid Test**

**Test Instructions**

1. **Add 2 drops** of serum or plasma* to the sample well.
   *Serum or plasma only - no whole blood

2. **Add 2 drops** of the chase buffer provided to the sample well.

3. Read results at 10 minutes.
   **Positive Example**
Highly accurate results, delivered through proven lateral flow technology

Lateral flow technology has served as a reliable tool for efficient diagnosis and patient evaluation in veterinary and human medicine for more than 30 years.

Antibody Lateral Flow

The conjugate pad is pre-treated with specific colloidal gold-conjugated peptides and colloidal gold-conjugated signal amplification proteins. The membrane is pre-coated with antibody specific peptides that have been linked to a protein carrier at the Test “T” line.

When the sample flows through the conjugate pad both colloidal gold conjugates bind to any specific antibodies present in the sample.

When the gold labeled antibodies reach the test “T” line specific antibodies bind to the test “T” line forming an “amplified sandwich” complex which has been augmented by Abaxis’ patented signal amplification technology. The accumulation of the amplified sandwich complexes creates a visible signal.

Positive Result

Antigen Lateral Flow

Sample and specific colloidal gold-conjugated antibodies combine in the conjugate pad creating antigen-antibody-gold conjugate. The test is pre-coated with antigen-specific antibodies at the test “T” line.

The conjugates flow across the membrane and bind to the antibodies in the sample line forming a “sandwich”.

The accumulation of “sandwich” complexes in the test “T” line creates a visible signal.