Providing the flexibility you need

The VetScan Rapid Test portfolio gives you more of what you want and less of what you don't want from a single, rapid test — more options, more confidence, less hassle, less waiting. VetScan Rapid Tests deliver exactly what you’ve come to know from Abaxis. The perfect balance of price and performance.

Fast, accurate, easy and affordable — It’s a singularly better approach to rapid tests.

Single Tests for Vector-Borne and Fecal Diseases
VetScan®
Canine Heartworm Rapid Test

Accurate. Easy. Affordable. It’s a singularly better approach to rapids.

The VetScan Heartworm Rapid Test Kit is a highly sensitive and specific test for the detection of *Dirofilaria immitis* in canine and feline whole blood, serum or plasma. The test delivers speed, simplicity and VetScan quality at a price point significantly lower than other brands.

- Cost effective
- Easy to read results
- Easy to use - just add sample and buffer
- Whole blood, serum or plasma
- Fast - results in 10 minutes
- Room temperature storage
- Available in 25-test or 100-test kit

Clinically Validated Confidence

VetScan Rapid Tests deliver quality that is equal to or better than other in-clinic lateral flow devices.

<table>
<thead>
<tr>
<th>Canine Heartworm Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test Name</strong></td>
</tr>
<tr>
<td>VetScan</td>
</tr>
<tr>
<td>Snap™</td>
</tr>
<tr>
<td>Solo Step®</td>
</tr>
<tr>
<td>Witness®</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Canine Heartworm Sensitivity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Female Worms</strong></td>
</tr>
<tr>
<td>1–4</td>
</tr>
<tr>
<td>1–10</td>
</tr>
<tr>
<td>1–15</td>
</tr>
<tr>
<td>1–25</td>
</tr>
<tr>
<td>1–55</td>
</tr>
</tbody>
</table>

(Compared to necropsy verified samples; n=49; 25 positive, 24 negative; source: data on file at Abaxis)

<table>
<thead>
<tr>
<th>Feline Heartworm Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sensitivity</strong> 79.9% (95% Cl, 59.7%-91.3%)</td>
</tr>
<tr>
<td><strong>Specificity</strong> 99.7% (95% Cl, 98.2%-99.9%)</td>
</tr>
</tbody>
</table>

(Compared to necropsy verified samples; n = 380; source: USDA submission)

<table>
<thead>
<tr>
<th>Necropsy (+)</th>
<th>Necropsy (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VetScan Heartworm Rapid Test (+)</td>
<td>23</td>
</tr>
<tr>
<td>VetScan Heartworm Rapid Test (-)</td>
<td>6</td>
</tr>
</tbody>
</table>

Clinical Signs
- Weight loss, lethargy
- Fainting
- Coughing
- Congestive heart failure

Singularly Better.

Abaxis, Inc.
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Tel 800 822 2947
Fax 510 441 6150
www.abaxis.com
Heartworm Test Instructions

1. Add 1 drop of blood, serum or plasma to the sample well and wait 3 - 5 seconds.
2. Add 2 drops of Chase Buffer to the sample well.
3. Read results within 10 minutes. Positive Example

The Abaxis Feline FeLV/FIV Rapid Test is a highly sensitive and specific test for the detection of antibodies to Feline Immunodeficiency Virus and Antigen to Feline Leukemia Virus in feline whole blood, serum, or plasma. The Abaxis Feline FeLV/ FIV Rapid Test offers the proven VetScan advantages of speed, simplicity, and value.

- Cost effective
- Easy to read results
- Easy to use—just add sample and buffer
- Whole blood, serum, or plasma
- Fast - results in 10 minutes
- Room temperature storage
- Available in a 25-test kit

<table>
<thead>
<tr>
<th>Test</th>
<th>Sensitivity</th>
<th>Specificity</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>FeLV</td>
<td>96%</td>
<td>99%</td>
<td>93</td>
</tr>
<tr>
<td>FIV</td>
<td>99%</td>
<td>97%</td>
<td>114</td>
</tr>
</tbody>
</table>

Using the USDA reference method of samples that are in agreement by IFA and SNAP FeLV/FIV methodologies.

Clinical Signs

**FeLV**
- May be none or non-specific:
  - Depression
  - Weakness
  - Enlarged lymph nodes
  - Anemia
  - Lymphoma (cancer of lymphocyte blood cells)
  - Blood in stool
  - Chronic or recurring infections
  - Weight loss
  - Diarrhea
  - Excessive drinking and urination

**FIV**
- May be none or signs of immune deficiency causing infections in any organ system, cancer, or neurologic issues.
FeLV/FIV Test Instructions

1. Add 1 drop of blood, serum or plasma to the FeLV sample well and wait 5 to 10 seconds.

2. Add 3 drops of FeLV Chase Buffer (white cap) to the FeLV sample well.

3. Read results within 10 minutes. Positive Example

1. Add 1 drop of blood, serum or plasma to the FIV sample well and wait 5 to 10 seconds.

2. Add 3 drops of FIV Chase Buffer (purple cap) to the FIV sample well.

3. Read results within 10 minutes. Positive Example
Accurate. Easy. Affordable. It's a singularly better approach to rapids.

Parvoviral enteritis causes potentially life-threatening vomiting and hemorrhagic diarrhea in affected animals. Patients at highest risk are puppies with poor immunity and unprotected adults—but any dog can contract the disease.

The VetScan Canine Parvovirus Rapid Test Kit uses a unique combination of monoclonal antibodies that detects parvovirus antigens in feces, allowing the veterinarian to screen for and diagnose the infection.

Easy to use. Easy to read.

Each test includes a simple, easy-to-use sample dilution device. Simply coat the swab with the fecal sample and break the seal to mix with diluent. Dispense 3 drops of specimen into the sample well and read results.

- Cost effective
- Easy to read results
- Easy to use - just add sample-diluent
- Fast - results in 10 minutes
- Room temperature storage
- Available in a 10-test or 20-test kit

### Sensitivity 96.9%  Specificity 96.9%

(Compared to hemagglutination and PCR; n = 258; source: package insert)

<table>
<thead>
<tr>
<th></th>
<th>VetScan Parvovirus Rapid Test (+)</th>
<th>VetScan Parvovirus Rapid Test (–)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA - PCR (+)</td>
<td>93</td>
<td>5</td>
</tr>
<tr>
<td>HA - PCR (–)</td>
<td>3</td>
<td>157</td>
</tr>
</tbody>
</table>

Clinical Signs

- Vomiting, often severe
- Bloody diarrhea, often foul-smelling
- Dehydration
- Fever
- Lethargy, depression
- Low WBC
- Loss of appetite
Parvovirus Test Instructions

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

2. Load Diluted Sample
   Transfer 3 drops of sample into the sample well.

3. Read Results
   Read results within 10 minutes.
   Positive Example
Canine Parvovirus Rapid Test

For the qualitative detection of parvovirus antigens in canines.

Accurate. Easy. Affordable. It’s a singularly better approach to rapids.

Parvoviral enteritis causes potentially life-threatening vomiting and hemorrhagic diarrhea in affected animals. Patients at highest risk are puppies with poor immunity and unprotected adults—but any dog can contract the disease.

The VetScan Canine Parvovirus Rapid Test Kit uses a unique combination of monoclonal antibodies that detects parvovirus antigens in feces, allowing the veterinarian to screen for and diagnose the infection.

Easy to use. Easy to read.
Each test includes a simple, easy-to-use sample dilution device. Simply coat the swab with the fecal sample and break the seal to mix with diluent. Dispense 3 drops of specimen into the sample well and read results.

- Cost effective
- Easy to read results
- Easy to use - just add sample-diluent
- Fast - results in 10 minutes
- Room temperature storage
- Available in a 10-test or 20-test kit

Sensitivity 96.9%
Specificity 96.9%
(compared to hemagglutination and PCR; n = 258; source: package insert)

<table>
<thead>
<tr>
<th></th>
<th>HA - PCR (+)</th>
<th>HA - PCR (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VetScan Parvovirus Rapid Test (+)</td>
<td>93</td>
<td>5</td>
</tr>
<tr>
<td>VetScan Parvovirus Rapid Test (-)</td>
<td>3</td>
<td>157</td>
</tr>
</tbody>
</table>

For questions:
- 800.822.2947
- www.abaxis.com/veterinary
- vetscan@abaxis.com

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Accurate. Easy. Affordable. It’s a singularly better approach to rapids.

The VetScan Giardia Rapid Test Kit is a qualitative test for the detection of Giardia cyst antigens in feces. Dogs become infected when they ingest Giardia cysts often found in water and on substances contaminated with infected feces. Diarrhea is the main clinical sign, but giardiasis can lead to malnutrition, weight loss and dehydration.

The VetScan Giardia Rapid Test Kit uses a unique combination of monoclonal antibodies that detects Giardia cyst antigens in feces, allowing the veterinarian to screen for and diagnose the infection.

Easy to use. Easy to read.
Each test includes a simple, easy-to-use sample dilution device. Simply coat the swab with the fecal sample and break the seal to mix with diluent. Dispense 3 drops of specimen into the sample well and read results.

- Cost effective
- Easy to read results
- Easy to use - just add sample-diluent

• Fast - results in 10 minutes
• Room temperature storage
• Available in 10-test or 20-test kit

<table>
<thead>
<tr>
<th>Sensitivity</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>98.1%</td>
<td>99.3%</td>
</tr>
</tbody>
</table>

(Compared to fecal wet mount and western blot; n = 243; source: package insert)

<table>
<thead>
<tr>
<th>Test</th>
<th>IF A/FWM - WB (+)</th>
<th>IF A/FWM - WB (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VetScan Giardia Rapid Test (+)</td>
<td>106</td>
<td>1</td>
</tr>
<tr>
<td>VetScan Giardia Rapid Test (-)</td>
<td>2</td>
<td>134</td>
</tr>
</tbody>
</table>

Clinical Signs
- Acute, chronic, intermittent diarrhea
- Weight loss
- Steatorrhea (greasy, fatty, pale, stool containing mucus)
- Abnormally strong smelling stool
- Can also be asymptomatic
- Lethargy
- Dehydration
- Occasional vomiting

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VetScan®
Canine Giardia Rapid Test
For the qualitative detection of Giardia cyst antigens in canines.
Giardia Test Instructions

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

2. **Load Diluted Sample**
   Transfer 3 drops of sample into the sample well.

3. **Read Results**
   Read results within 10 minutes. Positive Example
Accurate. Easy. Affordable. It’s a singularly better approach to rapids.

The VetScan Canine Lyme Rapid Test is a highly sensitive and specific test for the detection of *Borrelia burgdorferi* in canine whole blood, serum or plasma. The VetScan Canine Lyme Rapid Test is the first and only single rapid test for canine Lyme disease and offers the proven VetScan advantages of speed, simplicity and value.

- Cost-effective
- Easy to read results
- Easy to use - just add sample and buffer
- Whole blood, serum, or plasma
- Fast - results in 8 minutes
- Room temperature storage
- Available in a 25-test kit
- *Only single test* available for canine Lyme disease

Clinically Validated Confidence

The VetScan Canine Lyme Rapid Test delivers quality that is equal to or better than other in-clinic lateral flow devices.

| Sensitivity 100% (95% CI, 96.3%-100%); n=100 |
| Specificity 100% (95% CI, 92.9%-100%); n=50 |

Using Abaxis ELISA reference method

Clinical Signs

- Acute, chronic or shifting lameness
- Stiffness
- Sensitivity to touch
- Fever and lack of appetite
- Lymphadenopathy
- Glomerulonephritis is possible
- Cardiac and neurological disease are rare

Singularly Better.
Lyme Test Instructions

1. Add 1 drop of blood, serum or plasma to the sample well and wait 30-60 seconds.
2. Add 3 drops of Chase Buffer to the sample well.
3. Read results within 8 to 10 minutes. Positive Example
Canine Ehrlichia Rapid Test

For the qualitative detection of antibodies to *E. canis*, *E. chaffeensis*, and/or *E. ewingii* in canines.

Accurate. Easy. Affordable. It’s a singularly better approach to rapids.

The Abaxis Canine Ehrlichia Rapid Test is a highly sensitive and specific test for the detection of antibodies to *E. canis*, *E. chaffeensis*, and/or *E. ewingii* in canine whole blood, serum, or plasma. The Abaxis Canine Ehrlichia Rapid Test is the first and only single rapid test for canine Ehrlichia antibodies and offers the proven VetScan advantages of speed, simplicity, and value.

- Cost effective
- Easy to read results
- Easy to use—just add sample and buffer
- Whole blood, serum, or plasma

• Fast - results in 10 minutes
• Room temperature storage
• Available in a 25-test kit
• **Only single test available** for canine Ehrlichia antibodies

Clinically Validated Confidence

The Abaxis Canine Ehrlichia Rapid Test delivers quality that is equal to or better than other in-clinic lateral flow devices.

Sensitivity 93.8% (95% CI, 89.7%-96.7%); n=210
Specificity 96.3% (95% CI, 92.8%-98.4%); n=216

Using *E. canis*/*E. chaffeensis* IFA titer reference method

Clinical Signs

**E. canis**
- Fever, anorexia, weight loss
- Pale mucous membranes, bleeding disorders
- Splenomegaly, Lymphadenopathy
- Uveitis and retinal lesions
- CNS signs

**E. chaffeensis**
- Epistaxis, vomiting
- Lymphadenopathy

**E. ewingii**
- Fever, anorexia
- Joint swelling - polyarthritis
- CNS signs

Singularly Better.
Ehrlichia Test Instructions

1. Add 1 drop of blood, serum or plasma to the sample well and wait 30-60 seconds.

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

3. Read results within 8 to 10 minutes. Positive Example
Accurate. Easy. Affordable. It's a singularly better approach to rapids.

The Abaxis Canine Anaplasma Rapid Test is a highly sensitive and specific test for the detection of antibodies to *A. phagocytophilum* and/or *A. platys* in canine whole blood, serum, or plasma. Clinical signs of Anaplasmosis differ dependent on the species of bacteria causing the disease, but common signs can include Fever, Lethargy, Anorexia, Polyarthritis, Vomiting, Diarrhea, and Neurologic signs. The Abaxis Canine Anaplasma Rapid Test is the first and only single rapid test for canine Anaplasma antibodies and offers the proven VetScan advantages of speed, simplicity, and value.

- Cost effective
- Easy to read results
- Easy to use—just add sample and buffer
- Whole blood, serum, or plasma

Abaxis Lateral Flow vs (IFA, SNAP, & ELISA)

- **Sensitivity = 93%** (115 samples)
- **Specificity = 96%** (192 samples)

- **A. Phagocytophilum Sensitivity = 93%** (27 samples)
- **A. Platys Sensitivity = 94%** (33 samples)

Clinical Signs

- Fever
- Lethargy
- Anorexia
- Polyarthritis
- Vomiting
- Diarrhea
- Neurologic signs

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www.abaxis.com
Anaplasma Test Instructions

1. Add 1 drop of blood, serum or plasma to the sample well and wait 5 - 10 seconds.

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

3. Read results within 8 to 10 minutes.
   Positive Example