The Ideal Lab for Equine Professionals

Official Laboratory Equipment Supplier of the
FEI WORLD EQUESTRIAN GAMES™ TRYON 2018
In the hospital or barn-side, the VETSCAN® point-of-care laboratory delivers a simple and portable solution for every type of equine practitioner. That’s why Zoetis is the lab of choice for equine diagnostics. Equine veterinarians throughout the world are taking advantage of the fast and cost-effective throughput the VETSCAN lab provides.

**Features**

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<th>Cost-effective</th>
<th>Fast</th>
<th>On-Site results</th>
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**Benefits for the Equine Hospital**

- Offer an attractive price for your customers and create an additional profit opportunity for your practice
- Results in under 12 minutes at the patient-side reduces the need for client call-backs
- Add value to the client visit and improve compliance with quantitative results immediately available patient-side
- Analyzer mobility allows for more efficient and productive appointments and reduces travel to and from the office
- Offer complete evaluations, including diagnostic testing in areas formerly not considered
The VETSCAN VS2 is a state-of-the-art chemistry, electrolyte, immunoassay and acid-base analyzer that delivers laboratory quality results in 12 minutes. The VETSCAN VS2 is completely portable and can be used on a truck, in the stable, or in the office. With results specific to the equine patient, you have the ability to perform point-of-care diagnosis and understand the extent, risks, and potential outcomes of conditions such as:

- Myositis
- Renal Disease
- Hepatic Disease
- Acute Gastrointestinal Disease/Diarrhea
- Endocrine Disorders

**Preventive Care Profile Plus**

| ALB | ALP | ALT | AST | BUN | Ca  | Cl- | CRE | GLOB* | GLU | K+ | Na+ | TBIL | tCO2 | TP |

**Comprehensive Diagnostic Profile**

| ALB | ALP | ALT | AMY | BUN | Ca  | CRE | GLOB* | GLU | K+ | Na+ | PHOS | TBIL | tCO2 | TP |

**Equine Profile Plus**

| ALB | AST | BUN | Ca  | CK  | CRE | GLU | GGT | GLOB* | K+ | Na+ | PHOS | TBIL | tCO2 | TP |

**Kidney Profile Plus**

| ALB | BUN | Ca  | Cl- | CRE | GLU | K+ | Na+ | PHOS | tCO2 | TP |

**Critical Care Plus**

| ALT | BUN | Cl- | CRE | GLU | K+ | Na+ | tCO2 | TP |

**Mammalian Liver Profile**

| ALB | ALP | ALT | BA  | BUN | CHOL | GGT | TBIL | TP |

**Prep Profile II**

| ALP | ALT | BUN | CRE | GLU | TP |

**Electrolyte Plus**

| Cl- | K+ | Na+ | tCO2 |

*Calculated value  †For VS2 only
The i-STAT Alinity v is a portable, handheld analyzer that delivers lactate, blood gas, electrolyte, chemistry, and hematology results in 2-3 minutes. Important information gathered can help monitor chronic disease patients, evaluate pre-anesthetic patients, and provide diagnostic specialty testing information for ill patients in the exam room or barn side. Advantages for the equine practitioner include:

• Fluid therapy decisions at the point-of-care
• Intraoperative acid-base and blood gas analysis
• Lactate for field colics and pre and post-op colic surgeries
• Diarrhea diagnosis, especially in foals
• Electrolyte monitoring for ruptured bladders, endurance, and eventing
• Acid-base and electrolytes to better diagnose systemic diseases

The VETSCAN VSpro is a specialty analyzer that offers a Fibrinogen test with uncompromised accuracy for the busy equine hospital. The VETSCAN VSpro enables practitioners to:

• Monitor inflammation that occurs before overt signs of infection or other parameters change
• Monitor response to therapy with precision, accuracy, and true quantitative values
• Delivers results for a better understanding of the disease process

The VETSCAN HM5 is a fully-automated, five-part differential hematology analyzer that delivers a comprehensive 22-parameter complete blood count (CBC) with cellular histograms in 3-4 minutes. The VETSCAN HM5 enables the equine practitioner to evaluate:

• Immune system status
• Erythrocyte mass and function
• Abdominal and thoracic effusions*
• Platelet count
• Joint effusions
• Can be run on the HM5 but are not validated

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Performance Horses
Point-of-care testing is vital for patients under-performing or with acute concerns.

The VETSCAN lab enables the practitioner to quickly evaluate:
- Myositis
- Respiratory disease
- Colic
- General health evaluations during extended use

The VETSCAN laboratory offers many benefits for a variety of cases for the equine hospital.
**Ambulatory Diagnostics**

The typical ambulatory call for an ill patient involves obtaining the patient history and performing a physical examination. Without quantitative results, the diagnosis and/or prognosis is a best guess estimate.

Without CBC, chemistry, and fibrinogen results at the point-of-care, the equine practitioner must obtain samples, return to the office, run the blood, call the owner, schedule another visit based on the results, and then return to the patient. This may cause:

- Delay in diagnosis and treatment
- Reduced compliance for additional testing
- Significant cost in time with phone calls and additional travel – poor efficiency
- Reduced value from a client perspective

The VETSCAN VS2 and i-STAT Alinity v are capable of providing patient-side diagnostics and enable you to incorporate senior or preventive programs into routine calls.

**Neonatal Care**

The newborn has its own specific testing requirements, with important baseline values including chemistries and CBC. The VETSCAN lab helps differentiate common early clinical conditions with similar presentations, such as:

- Neonatal septicemia
- Neonatal isoerythrolysis
- Ruptured bladder
- Diarrhea
- Failure of passive transfer
- Foal pneumonia

**Infectious Disease**

For the hospitalized patient with infectious disease, immediate results and monitoring are vital to providing timely care.

- CBC/Fibrinogen results help monitor inflammation and response to therapy
- Chemistry results help monitor organ damage
- Acid-base/electrolytes enable proper fluid therapy

**Pre-purchase Examinations**

It is vital that horse owners feel comfortable in the purchase of a new horse. Pre-purchase exams are the safest way for a client to feel confident about their decision. The exam should go beyond the basic physical and lameness evaluation by examining organ health and inflammatory markers.

Point-of-care testing identifies subclinical disease prior to purchase and allows the practitioner to build CBC/Chemistry into the cost of the exam.

**Geriatric Medicine**

Client expectations and standards of care indicate the need for regular quantitative evaluation of the geriatric patient. Early disease detection may provide for:

- Extended length and quality of life
- Lower costs of treatment
- Improved perception of the veterinarian’s value
- Improved veterinarian/client relationship and human/animal bond
- Valuable baseline information

Utilizing the VETSCAN lab helps the equine hospital build a value-added diagnostic program in addition to:

- Physical examination
- Coggins testing
- Vaccinations
- Fecal evaluation
- Yearly de-worming protocol