



RANDOX

The New VeraSTAT-V

HORSE HEALTH IN STABLE HANDS

A NEW STABLE-SIDE DEVICE
TO MEASURE **INFLAMMATION**

THE NEW VeraSTAT-V

A Stable-Side Device to Measure Serum Amyloid A








The latest addition to the Randox Veterinary diagnostics panel is the VeraSTAT-V, a convenient stable-side device designed to measure levels of Serum Amyloid A (SAA) in whole blood. The touch screen device is fast, easy to use and portable.

Equine Serum Amyloid A: A Valuable Inflammatory Marker

Serum Amyloid A (SAA), a protein produced in response to inflammation, is released into the bloodstream to alert the immune system that there is an infection or injury present. As SAA is the fastest marker to rise in response to inflammation, it provides useful insight for detecting inflammation, monitoring health status and observing response to treatment.

The VeraSTAT-V device measures **quantitative** levels of SAA in whole blood to assist in distinguishing systemic infection from injury prone inflammation. Highly accurate results enable informed decisions regarding the next course of action.

VeraSTAT-V Benefits

-  Convenient stable-side device
-  Whole blood sample
-  Results in 6 minutes
-  Quantitative results
-  Easy to use
-  Results are stored
-  Results saved against specific animal ID



VeraSTAT-V Uses

Competition Horses

The competitive arena whether its horseracing, show jumping, polo, dressage or eventing requires time, money and energy to be the best in class.

Horses undergo rigorous training schedules but often, despite best efforts, inflammatory risk remains. Logistical challenges with travelling to and from events can also take its toll on a horse's health. Monitoring the risk of inflammation relative to Training, Travel and Competition is vital. Having a portable device available means real-time health monitoring can occur. Early detection allows for early action.

Foals/Stud Farms

High levels of SAA have been detected in foals with sepsis or localised infections and detection allows such abnormalities to be identified early. Stud farms benefit from understanding SAA levels to differentiate non-infectious versus infectious causes of disease. Early detection is vital for foals.

SCREEN, DETECT, PROTECT

Infection is Invisible!

A healthy horse's SAA levels are low or even undetectable. If there is an inflammatory condition present the levels of SAA in the bloodstream can increase by up to 1000 times the baseline level as early as 6hrs after inflammation onset. SAA is the only acute phase protein to react as fast.

Designed to be Quick off the Mark

The VeraSTAT-V measures quantitative levels of SAA in just 6 minutes from whole blood. Early diagnosis means that necessary action can be taken immediately.

Is the Treatment Working?

SAA levels stay elevated until the infection or inflammation subsides. The VeraSTAT-V software conveniently stores the last 100 test results and the specific animal ID, so that previous test results can be easily accessed. Tracking SAA levels over time means that any change to health status is visible and more informed decisions can be made, such as reviewing if the treatment administered has been effective.

Testing Process

- 1 Collect and prepare the blood sample
- 2 Scan & insert the test cassette onto VeraSTAT-V device
- 3 Add the blood sample to the cassette
- 4 Wait 6 minutes for results
- 5 Quantitative result shown

Make an Enquiry

Get in touch with Randox Laboratories for more information on the NEW VeraSTAT-V:

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