

Why Check Inflammatory Status?

Monitoring inflammatory status can be important in many situations; as part of a routine health check, where there is suspicion of an infection and monitoring recovery after administration of antibiotics or steroids. Often there are no obvious signs, but a problem may be brewing. Where there is inflammation, muscle generation can be compromised, and in the horse, this will impact potential performance.

EquiChek™-SAA Serum Amyloid A rapid assay provides a rapid and simple way to find out if there is a problem caused by some underlying inflammatory condition, be it infection or musculo-skeletal.

An SAA test shows a much greater and faster response than fibrinogen or a white blood cell count.

SAA increases when there is a problem and it also falls very quickly if the problem is resolved. So if treated with antibiotics, and they work, EquiChek™-SAA can help monitor recovery.

SAA is an important part in a veterinarian's health screening for any horse.

Storage

The entire kit and components should be stored at room temperature in order to have the labelled shelf life. Avoid direct sunlight.

Sample Preparation

Collect ~ 1-2 ml of whole blood using a syringe or a needle and collection tube containing EDTA or heparin. Sample can be stored in refrigerator for up to 7 days.

Kit Components

- 10 Test Strips
- 10 Sample Applicators
- 1 Dropper Bottle

The entire risk due to the performance of this product is assumed by the purchaser. The manufacture shall not be liable for any indirect special or consequential damages of any kind resulting from use of this product.



EquiChek™-SAA

**Rapid Equine
Inflammation and Infection
Test**

EquiChek™-SAA is a simple on-site tool that tests for any inflammatory condition, including infections, where it matters, beside the horse.



BioMetallics, Princeton, NJ
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EQUICHEK TEST PROCEDURE

TEST PREPARATION

The test is designed for use with freshly taken whole blood, but serum or plasma can also be used.

1

Remove test cassette from foil pouch.

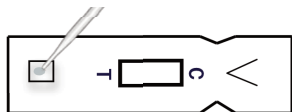
2

Touch sample applicator to blood in stopper or at puncture site. **DO NOT IMMERSE** sample applicator in blood. **DO NOT SQUEEZE** sample applicator. Blood will be drawn up naturally to the red line by capillary action.



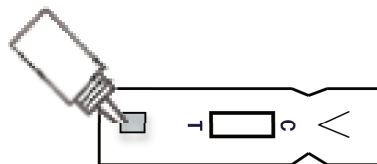
3

Touch sample applicator to the sample well and gently squeeze to expel blood into the test window.



4

Add 3 drops of liquid from the dropper bottle into the sample well.



5

Read result at 10 minutes.

See interpretation chart for inflammation level. 4 lines are normal.

In some cases lines may fade after 10 min.

Interpretation

Number of lines shown reflect the SAA level in blood sample.



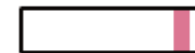
4 lines
NORMAL No Inflammation



3 lines
MILD inflammation



2 lines
MILD to Moderate
Inflammation



1 line
SIGNIFICANT Inflammation

If no lines appear the test is invalid