

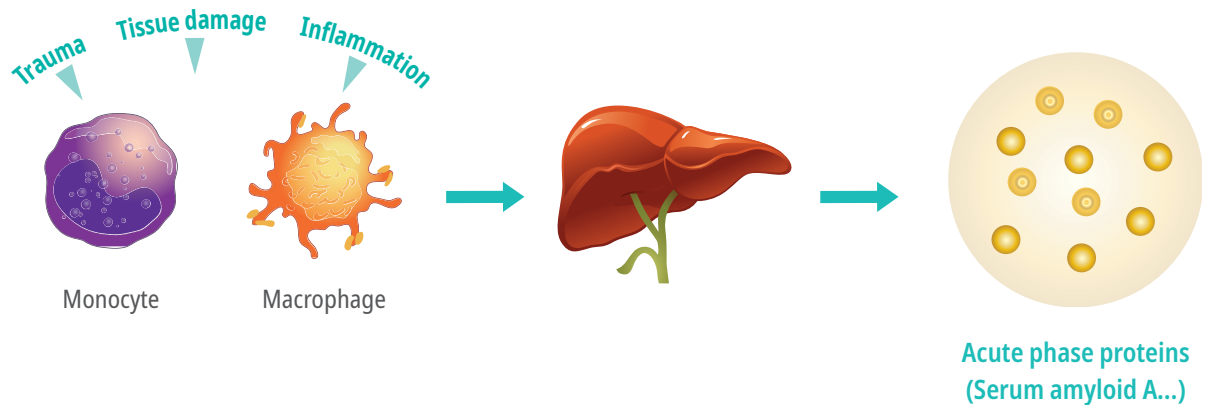
Vcheck Equine SAA

Quantitative marker of
Acute Inflammation in horses



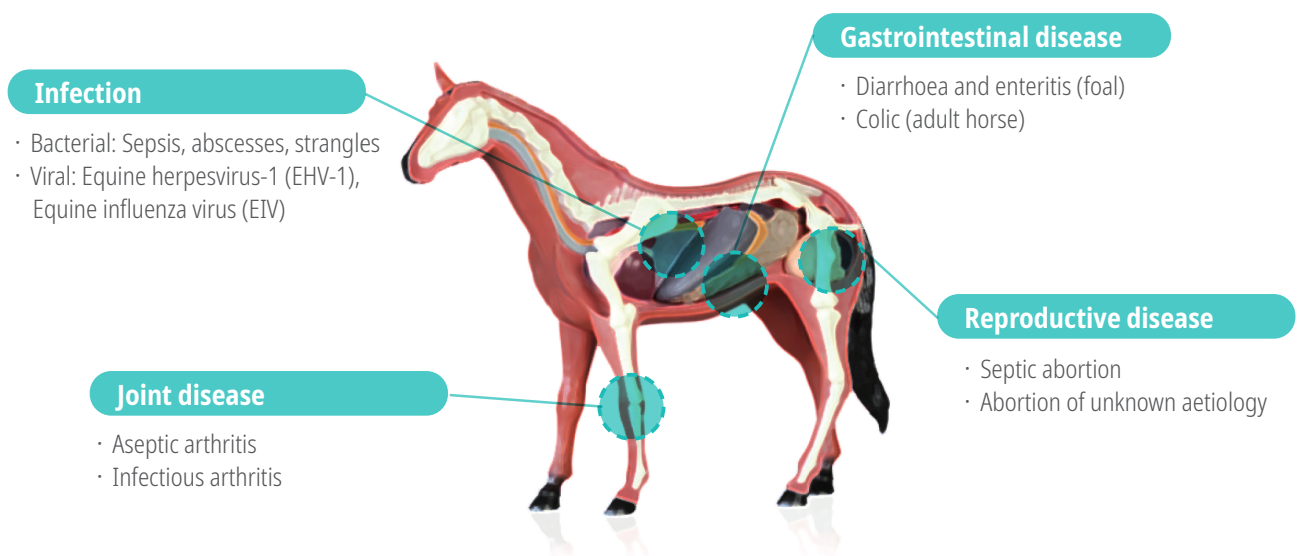
What is Serum amyloid A?

SAA (Serum amyloid A) is one of the major acute-phase proteins and has low concentrations in healthy horses. As a sensitive marker of inflammation, its concentration increases rapidly in response to inflammatory stimuli such as infection, trauma, or surgery.



When SAA is elevated?

SAA concentration increases in response to a number of clinical conditions in horses, such as sepsis, viral infections, arthritis, gastrointestinal and reproductive disease. Also, its measurement is useful for monitoring the response to treatment.



Clinical Applications



Early detection of the presence of inflammation

SAA increases in the early stage of inflammation, enabling early detection of inflammation before clinical symptoms appear.



Monitoring the post-operative effects and recovery

SAA is useful for monitoring the occurrence of post-operative complications or relapse, and monitoring herd health.

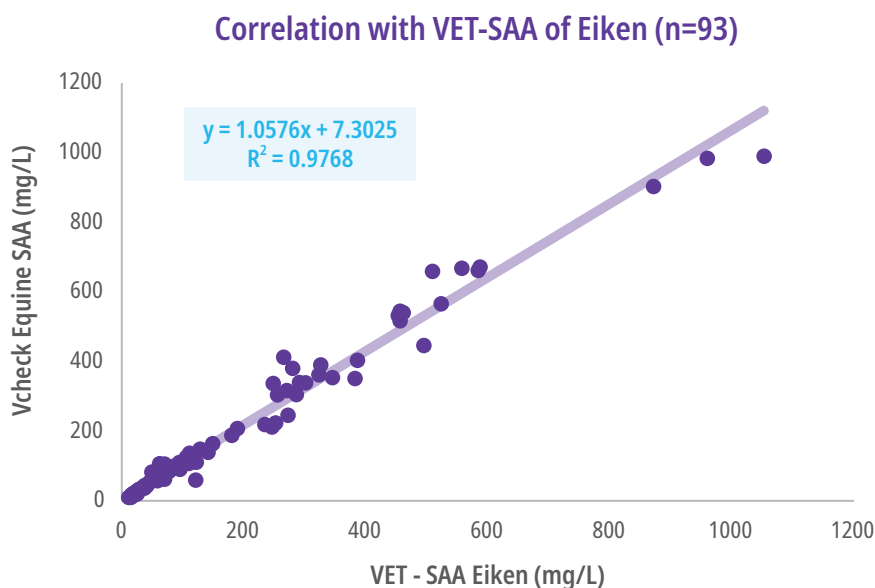


Serial monitoring of the response to treatment

SAA concentrations increase rapidly in response to inflammation and rapidly decline after the resolution of inflammation.

Performance

Vcheck Equine SAA has a strong correlation ($R^2=0.9768$, $y=1.0576x + 7.3025$) with the reference method (VET-SAA), which has been used in reference laboratories



Vcheck Equine SAA

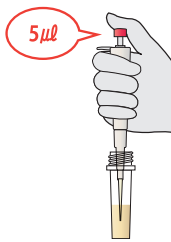
Specifications

- Species : Horse
- Sample : Serum, Plasma (heparin) 5 μ l
- Testing time : 5 minutes
- Measurement Range : 10~1,000 mg/L
- Storage Condition : 2~8 $^{\circ}$ C

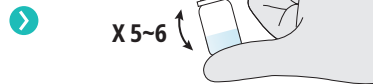


Test Procedure

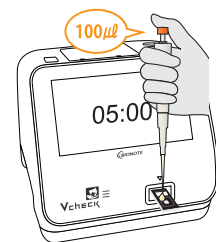
- 1 Add 5 μ l of the sample to the assay diluent bottle



- 2 Close the bottle cap and shake for 5~6 times to mix thoroughly



- 3 Add 100 μ l of the mixed sample into the test device



Reference Ranges

< 10 mg/L	10 - 20 mg/L	> 20 mg/L
Normal	Equivocal	Abnormal

Ordering Information

Product No.	Product Name	Storage Condition	Packing Unit
VCF141DD	Vcheck Equine SAA	2 - 8 $^{\circ}$ C	10 Tests/Kit



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