

Fast + Simple  
Focused on Veterinary Diagnostics



Specialists in Veterinary  
Laboratory Supplies

## FASTest<sup>®</sup> SAA<sub>ad us. vet.</sub>

### Early and exclusion diagnostics of inflammatory processes

Fast test for the qualitative detection of Serum amyloid A (SAA)  
in whole blood, plasma or serum of the cat and horse

#### Cat

e. g., sepsis (abscesses etc.), FIP, pancreatitis,  
neoplasia, diabetes mellitus, traumata/surgery,  
nephropathy/FLUTD

#### Horse

e. g., sepsis (arthritis, abscesses, abortion  
etc.), EHV I/EIV, strangles, colic/enteritis,  
parasitoses, traumata/surgery



- Simple test procedure with whole blood, plasma or serum
- Fast test interpretation after 15 minutes
- Reliable clinical diagnostics
- Sensitivity 96.6% & Specificity 96.8%
- Storage at room temperature (15–25 °C)
- Long shelf life
- Compact test box with 10 or 25 tests

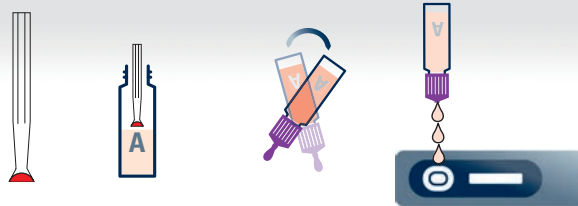
# FASTest<sup>®</sup> SAA<sub>ad us. vet.</sub>

Acute phase proteins (APP) are used as biomarkers to assess the degree of inflammatory processes or tissue damage. Serum amyloid A (SAA) is a highly sensitive major APP, but it does not allow an aetiological diagnosis.

The serum concentration is very low during homeostasis, but increases dynamically (sometimes up to 1000-fold) within a very short time (approx. 12–24 h) and proportionally to the degree of inflammation or tissue damage. As soon as the inflammatory stimulus/tissue damage subsides due to successful therapy, the SAA concentration decreases within a few hours. In the event of recurrences or secondary complications, it can quickly rise again. SAA can thus be viewed as a “real-time marker”. Depending on the literature, physiological SAA concentrations of less than 10 mg/l are given for cats and 0.5–20 mg/l for horses (Schattauer GmbH 2014; Moritz, Klinische Labordiagnostik in der Tiermedizin).

The higher cut-off (25–30 µg/ml) of the **FASTest<sup>®</sup> SAA** compared to the average laboratory reference values was chosen because experience has shown that lower values have no clinical relevance. The **FASTest<sup>®</sup> SAA** is therefore suitable for the veterinarian on site and without technical effort as an exclusion test for inflammatory processes of any kind.

## Test procedure



## Test interpretation



### POSITIVE



**SAA positive** (SAA concentration  $\geq 30 \mu\text{g/ml}$ )  
Indication of **increased** inflammatory activity

### NEGATIVE



**SAA negative** (SAA concentration  $< 25 \mu\text{g/ml}$ )  
**No** indication of increased inflammatory activity

With a negative **FASTest<sup>®</sup> SAA** and present/increasing symptoms, a second and/or third test at intervals of 12 hours is recommended to see whether the SAA concentration has risen above the Cut off.

When the suspected diagnosis “inflammation” is confirmed by a positive **FASTest<sup>®</sup> SAA**, a second and/or third test at intervals of 1–2 days each is recommended to see whether the inflammatory activity or the SAA concentration has fallen below the Cut off due to the therapy that has been initiated.



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