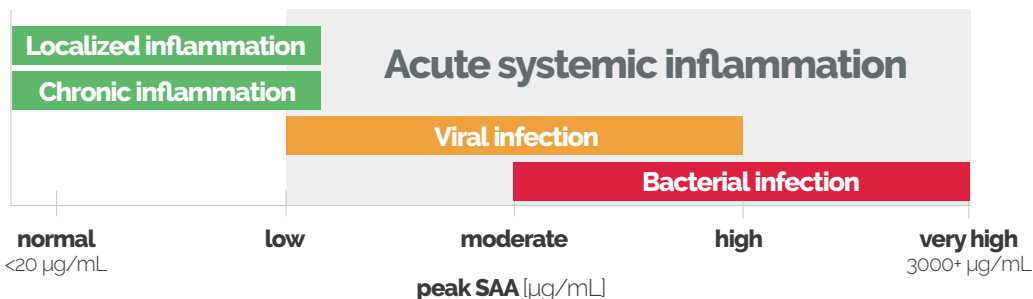


# Equine Serum Amyloid A



**<20 µg/mL** - No acute systemic inflammation (normal SAA)

**20-100 µg/mL** - May indicate local or chronic process, possible developing/resolving systemic issue

**>100 µg/mL** - Indicates systemic inflammation and possible infection



**Assess  
severity**



**Track  
improvement**



**Monitor  
treatment**



**Screen  
for health**

## Indication      Use

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### **ER/critical care**

- Assess disease severity
  - Evaluate need for referral or hospitalization
  - Monitor for complications or disease resolution
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### **Biosecurity & health monitoring**

- Assess pre-performance health & monitor health during training
  - Health screening for new horses arriving at a facility, PPE, & other exams
  - Screen prior to transport & monitor post-transport for subclinical infections
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### **Surgery**

- Pre-operative assessment & screening
  - Monitor for post-operative complications
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### **ADR or FUO**

- Evaluate disease severity and potential causes, even with NSAID treatment
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### **Respiratory disease**

- Detect infections with significant disease potential
  - Differentiate from non-infectious conditions
  - Assess need for antimicrobials and monitor therapy
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### **Colic**

- Evaluate need for referral
  - Determine likelihood of colitis, colic, peritonitis, or other inflammatory etiology
  - Assess potential need for surgery
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### **Neonatal foals**

- Screen as early indicator of sepsis, respiratory disease, or diarrheal disease
  - Monitor clinical condition over time
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### **Joint sepsis**

- Differentiate from other causes of joint swelling or acute lameness
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### **Cellulitis**

- Differentiate from other causes of limb swelling
  - Evaluate need for antimicrobials and monitor therapy
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### **Pregnancy**

- Evaluate risk of abortion with placentitis
  - Assess risk of early embryonic death
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### **Other infections**

- Identify subclinical infections
  - Determine need for antimicrobials & monitor therapy
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References available online or upon request

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