

# Recommended Protocol Neonatal Screen

## Newborn Foal

Clinical exam normal,  
no other abnormalities

Dummy foal, pre-mature foal or other  
abnormal clinical findings

Run Stablelab SAA test  
12-24 hours post parturition

Run Stablelab SAA test  
Immediately

SAA between  
0-100 µg/ml<sup>1</sup>

SAA  
>100 µg/ml

SAA  
0 µg/ml

SAA  
>100 µg/ml

SAA  
<100 µg/ml

Possible early intervention;  
prophylactic antimicrobials and/  
or plasma should be considered  
if exam, CBC or IgG are abnormal

Likely non-infection, however,  
prophylactic antimicrobials and/  
or plasma should be considered  
if exam, CBC or IgG are abnormal

Repeat Stablelab every  
12-24 hours

Repeat Stablelab every  
12 - 24 hours

SAA  
Increasing

SAA  
Decreasing

SAA Increasing  
>30 µg/ml

SAA Decreasing  
<30 µg/ml

INFECTION

NON-INFECTION

INFECTION

NON-INFECTION

INFECTION

CONSIDER  
RE-EVALUATION  
OF TREATMENT  
PLAN

RESPONDING  
TO THERAPY

### Can I run Stablelab at the same time as IgG?

Stablelab was designed to be incorporated into your physical exam. You can run a Stablelab SAA test on the same blood sample that you pull for IgG.

### Does colostrum affect SAA?

We don't know if there is an effect of colostrum on SAA. More research is necessary; however, if there is concern, repeat Stablelab SAA test in 12-24 hours.

### Does IV plasma affect SAA?

We don't know the effect of plasma administration on SAA values in foals. More research is needed in this area.

### Should I re-test a healthy newborn?

Stablelab will quantify the level of SAA in the foal. However, routine testing in early stages of life may be advisable, especially in high-risk geographies or at farms where diseases are endemic.<sup>2,3</sup>

The ranges and information presented are provided for general user understanding only and do not constitute veterinary advice.



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zoetis

References:

- <sup>1</sup> Stoneham et al. Measurement of Serum Amyloid A in the Neonatal Foal Using a Latex Agglutination Immunoturbidimetric assay: Determination of the normal range, variation with age and response to disease. *EJV* 2001 33(6) 599-603.
- <sup>2</sup> Giguère et. al. Clinical assessment of a Point of Care Serum Amyloid A Assay in Foals with Bronchopneumonia. *J Vet Intern Med* 2016, 1-6.
- <sup>3</sup> Nolen-Walston, R. How to Interpret Serum Amyloid A. AAEP Proceedings 2015 Vol 61 P 130-137.