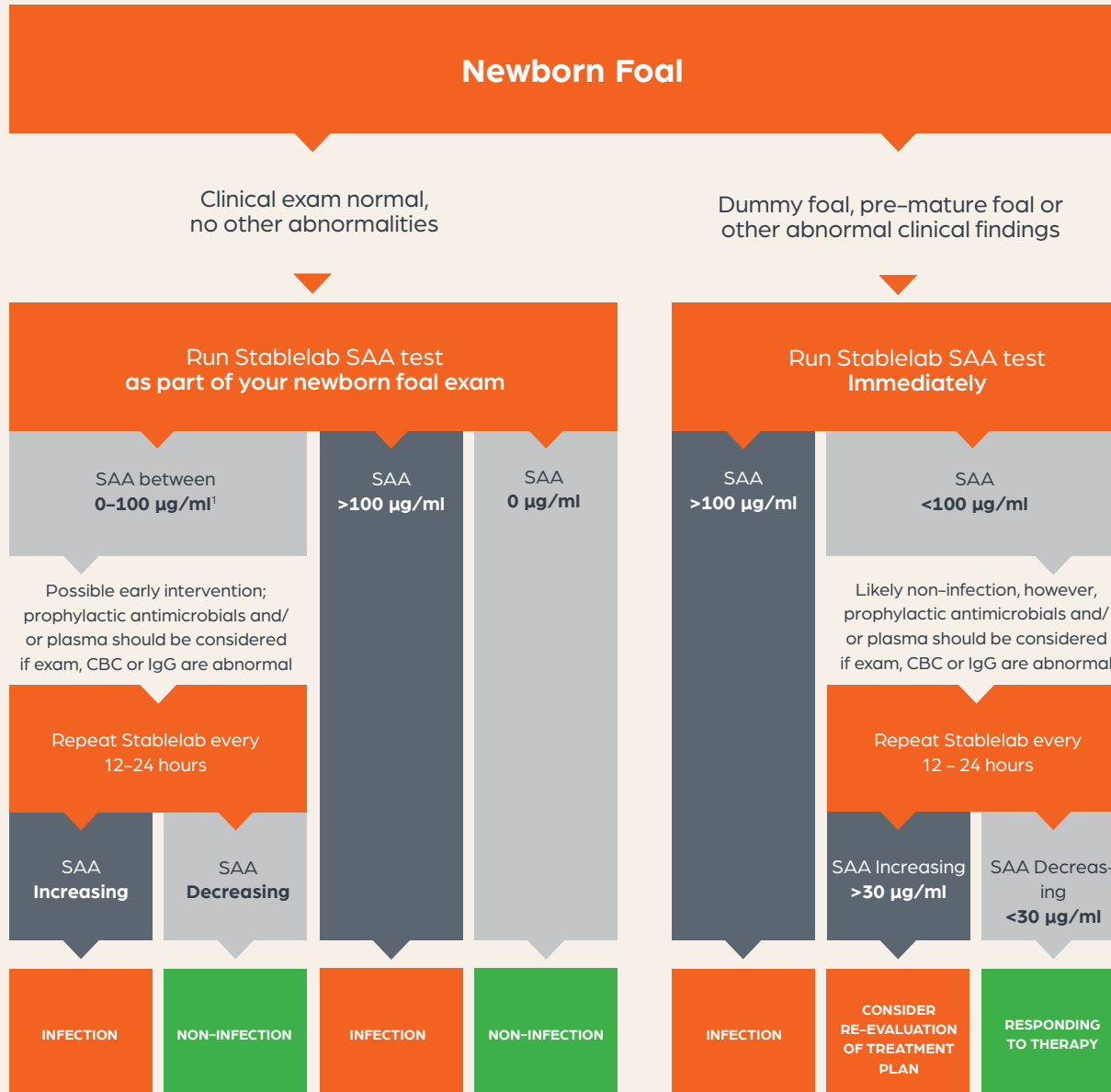


Newborn Foal Screening Protocol



Why should I run Stablelab in addition to IgG?

IgG is a measure of maternal antibody transfer in the foal's blood that has been absorbed from the mare's colostrum, that is all the foal has to fight infection until they start to produce their own antibodies at 3–4 months. IgG does not correlate with protection or health of the foal.

Serum Amyloid A is a biomarker that measures possible systemic infection and does correlate with health. If SAA is elevated diagnosis and treatment is critical to get on top of quickly.

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?

Yes, administration of plasma to foals has been shown to transiently increase SAA.² This makes sense as vaccination can cause a spike of SAA³ and plasma is harvested from hypervaccinated horses.

Should I re-test a healthy newborn?

Stablelab gives real time results. Routine testing in early stages of life may be advisable, especially in high-risk geographies or at farms where diseases are endemic.^{4,5}

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

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References:

- ¹ 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. *EVJ* 2001 33(6) 599–603.
- ² Hunyadi, L.; Sundman, E. A Prospective Study of Serum Amyloid A in Relation to Plasma Administration in Neonatal Foals. *Research in Veterinary Science*. Volume 151, 10 December 2022, Pages 96–99.
- ³ Smith, M. DVM, DBVP*; Kristula, M. DVM, MS; Aceto, H. BSc, PhD, VMD; and Levine, D. DVM, DACVS–LA, DACVSMR Acute Phase Protein Response in Native and Imported Horses After Routine Combination Vaccination Protocol. *AAEP Proceedings (Vol 65) 2019*. Pages 271–272.
- ⁴ 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.
- ⁵ Nolen–Walston, R. How to Interpret Serum Amyloid A. *AAEP Proceedings 2015 Vol 61 P 130–137*.

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