

AKABANE



ID Screen® Akabane Competition



Competitive ELISA for the
detection of anti-G1 antibodies
in ruminant serum and plasma

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Competitive ELISA for the detection of anti-G1 antibodies in ruminant serum and plasma.

- **High correlation with the virus neutralisation test (VNT)**
- **Sensitive and specific**, with clear separation of positive and negative results
- **Fast and convenient** : ready-to-use components, with results in just over 2 hours.
- **Cost-effective for the analysis of large numbers of samples**, notably in comparison with VNT.
- **No cross-reactions with SBV** ^[2]
- **Practical**: you can easily check that all samples have been correctly deposited because the dilution buffer changes colour upon addition of the sera
- **The stop solution no longer contains H₂SO₄**, meaning that it is less corrosive

Specifications

Method	Competitive ELISA
Species	Ruminants
Specimens	Serum and plasma
Coated antigen	Purified virus
Conjugate	Anti-G1-HRP conjugate (concentrated 10X)

Ordering information

Product code	AKAC-4P	AKAC-10P
Kit format	4 plates	10 plates
Reactions	384	960
Plate format	12 x 8-well strips	

References

[1] Lunt, RA, White, JR, Newberry, KM, (CSIRO Livestock Industries, Geelong, Australia), Pourquier, P & Comtet, L (IDvet, Montpellier, France). **Development of a commercial ELISA for the detection of serum antibody to Akabane virus**. Poster presented at the 2007 WAVLD meeting, Melbourne, Australia.

[2] Comtet L. & Pourquier P. (IDvet, France). **ID Screen® Schmallenberg virus Competition Multi-species: validation of a competitive ELISA for the detection of antibodies directed against the Schmallenberg virus nucleoprotein**. Poster presented at the Epizone 7th Annual Meeting, Brussels, Belgium, 2013.

Associated Products

Akabane positive freeze-dried serum

Product Code	MRI-AKA
Format	1 ml vial (freeze-dried)
Description	Positive freeze-dried serum from an experimentally infected sheep, to be used as internal reference material for quality control.

Negative bovine freeze-dried serum

Product Code	MRINEG-BOV
Format	1 ml vial (freeze-dried)
Description	Negative freeze-dried bovine serum to be used as internal reference material for quality control.