

Indirect ELISA kit for the detection of anti-Schmallenberg virus (SBV) antibodies in ruminant serum and plasma from multiple species, including cattle, sheep and goats.

Please contact IDvet for use on other species.

- **The first commercial ELISA for SBV serology**
- **High sensitivity and specificity in external validation studies**
- **Approved** by the ANSES (France) and FLI (Germany) laboratories
- **Automatable** and therefore suited to high throughput testing
- **Screening and confirmation formats available**

SPECIFICATIONS

Method	Indirect ELISA
Species	Ruminants and other species
Specimens	Serum and plasma
Coated antigen	Recombinant SBV antigen
Conjugate	Anti-multi-species IgG-HRP conjugate (concentrated 10X)

ORDERING INFORMATION

Screening format		
Product code	SBVS-2P	SBVS-5P
Kit format	2 plates	5 plates
Reactions	192	480
Plate format	12 x 8-well strips	12 x 8-well strips
Confirmation format *		
Product code	SBVB-5P	SBVB-10P
Kit format	5 plates (bi-well)	10 plates (bi-well)
Reactions	240	480

Plate format

6 x 16 well strips

6 x 16 well strips

* Each sample is tested in duplicate in a coated well (even columns) and in an adjacent non-coated well (odd columns). Results are calculated with respect to the corrected sample OD value (even well OD – odd well OD).

REFERENCES

1. Jack C., Anstaett O, Adams J, Noad R, Browlie J., Mertens P. **Evidence of seroconversion to SBV in camelids.** Veterinary Record 2012 170:603 doi: 10.1136/vr.e3939
2. Kaba et al. **Schmallenberg Virus Antibodies Detected in Poland.** Transboundary and Emerging Diseases. Rapid Communication. 2012.
3. Linden A, Desmecht D, Volpe R, Wirtgen M, Pirson J, Paternostre J, et al. **Epizootic Spreads of Schmallenberg virus among wild cervids, Belgium, fall 2011.** Emerg Infect Dis (Internet). 2012 Dec.
4. Bréard E, Lara E, Comtet L, Viarouge C, Doceul V, et al. (2013) **Validation of a Commercially Available Indirect Elisa Using a Nucleocapside Recombinant Protein for Detection of Schmallenberg Virus Antibodies.** PLoS ONE 8(1): e53446. doi:10.1371/journal.pone.0053446

ASSOCIATED PRODUCTS

Schmallenberg virus positive freeze-dried serum

Product code	MRI-SBV
Format	1 ml vial (freeze-dried)
Description	Freeze-dried positive bovine serum 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.