

SCHMALLEMBERG VIRUS



ID Screen® Schmallenberg virus Indirect Multi-species



Indirect ELISA kit for the detection of antibodies directed against the Schmallenberg virus (SBV) nucleoprotein (NP) in serum and plasma from multiple species

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ID Screen® Schmallenberg virus Indirect Multi-species

Indirect ELISA kit for the detection of antibodies directed against the Schmallenberg virus (SBV) nucleoprotein (NP) in 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, plasma
Coated antigen	Recombinant SBV nucleoprotein antigen
Conjugate	Anti-multi-species IgG-HRP conjugate (concentrated 10X)

Ordering information

Screening format			Confirmation format*		
Product code	SBVS-2P	SBVS-4P	Product code	SBVB-4P	SBVB-10P
Kit format	2 plates	4 plates	Kit format	4 plates (bi well)	10 plates (bi well)
Reactions	192	384	Reactions	192	480
Plate format	12 x 8-well strips		Plate format	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	0.5 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.