



CAPRIPOXVIRUS LUMPY SKIN DISEASE

ID Screen[®] Capripox Double Antigen Multi-species



- First commercially-available ELISA for the detection of LSD antibodies
- Demonstrate freedom from disease thanks to very high specificity (>99.7%). Should not cross-react with parapox viruses
- Equivalent or improved sensitivity compared to other techniques: detects vaccination or exposure to the disease
- Allows for high throughput screening without requiring high level containment facilities



With you at every step

ID.vet

EXCELLENT SPECIFICITY IN CATTLE, SHEEP AND GOATS

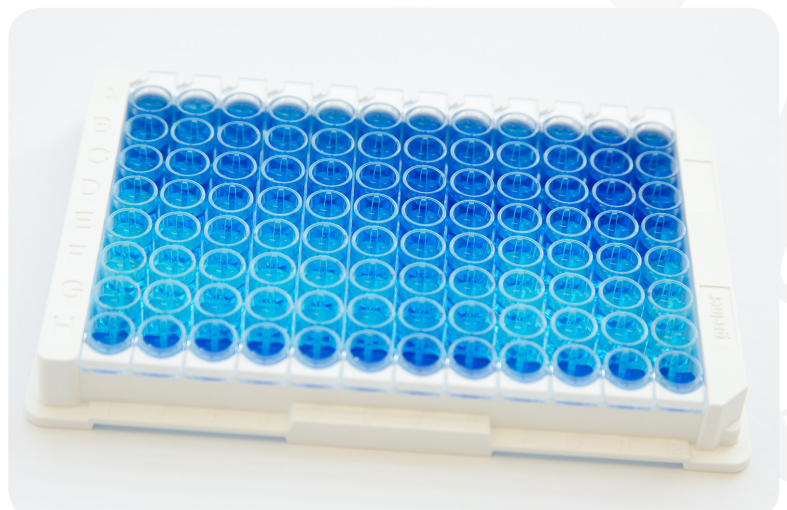
Analysis of:

- **91 cattle sera**
by CODA CERVA (Belgium)
- **92 cattle sera, 48 sheep sera and 44 goat sera**
by the Friedrich-Loeffler-Institute (Germany)
- **867 cattle sera, 254 sheep sera and 260 goat sera**
by IDvet (France)

Results:

	Specificity (%)	CI _{95%}
Cattle	99.7 (n=1050)	99.2 - 99.9 %
Goat	99.3 (n=304)	97.6 - 99.8 %
Sheep	100.0 (n=302)	99.8 - 100 %
TOTAL	99.7 (n=1656)	99.3 - 99.9 %

→ The ID Screen® Capripox Double Antigen Multi-species ELISA, with specificity of 99.7%, is a reliable tool to demonstrate freedom from disease.



SENSITIVITY

Comparison with IPMA - Data obtained at CODA CERVA

Sera from cattle vaccinated with the Lumpyvax® or OBP attenuated Neethling strain vaccines were tested in parallel using the ID Screen® ELISA and IPMA (Immunoperoxidase Monolayer Assay):

		IPMA		
		Pos	Neg	TOTAL
ID Screen® ELISA	Pos	12	24	36
	Neg	0	12	12
TOTAL		12	36	48

Lumpyvax®-vaccinated cattle, sampled 2 months post-vaccination

		IPMA		
		Pos	Neg	TOTAL
ID Screen® ELISA	Pos	31	13	44
	Neg	9	22	31
TOTAL		40	35	75

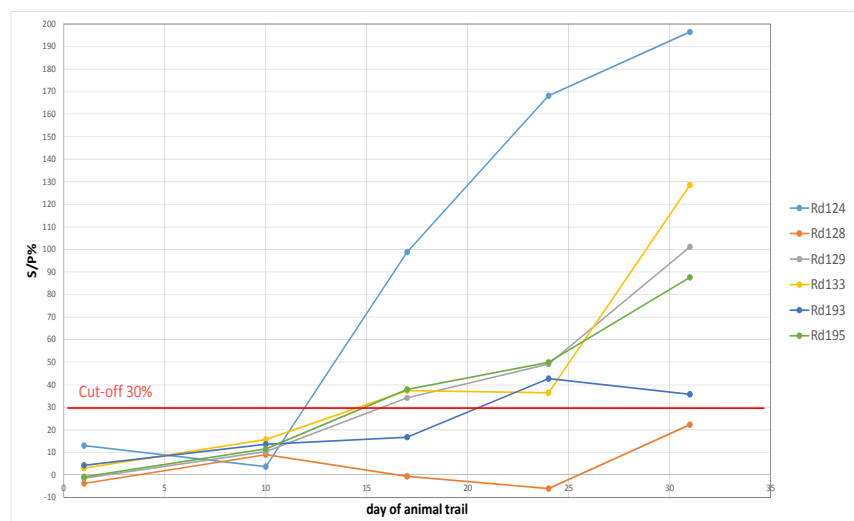
OBP-vaccinated cattle, sampled 1 month post-vaccination.

→ The ID Screen® Capripox Double Antigen Multi-species ELISA shows improved sensitivity with respect to IMPA on the vaccinated animals tested in this study.

Seroconversion kinetics - Data obtained at FLI

Cattle experimentally-infected with LSDV-Neethling vaccine strain:

→ Seroconversion is observed between 12 and 21 dpi for 5/6 infected samples.



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Specifications



METHOD	Double Antigen ELISA
SPECIES	Ruminants and other susceptible species
SPECIMENS	Serum or plasma
COATED ANTIGEN	CPV purified antigen
CONJUGATE	CPV purified antigen-HRP (concentrated 10X)

Ordering information

PRODUCT CODE	CPVDA-2P	CPVDA-5P
KIT FORMAT	2 plates	5 plates
REACTIONS	192	480
PLATE FORMAT	12 x 8 well-strips	12 x 8 well-strips



FOR MORE INFORMATION OR TO PLACE AN ORDER, PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE OR IDVET