

Innovative ELISA kit for the detection of antibodies anti-EHDV

Epizootic hemorrhagic disease virus (EHDV) is a member of the genus *Orbivirus* in the family *Reoviridae* :



- causes of disease in cattle and wild cervids
- important implication for the international livestock trade
- isolated from cattle throughout the world : North America, Morocco, Japan, Australia, Israel and Turkey
- closely related to Bluetongue and has been associated with bluetongue-like disease in cattle.

Technology	Single-well blocking ELISA
Detection	Antibodies anti-EHDV
Species	Bovine, cervids and wild ruminants
Sample types	Individual serum

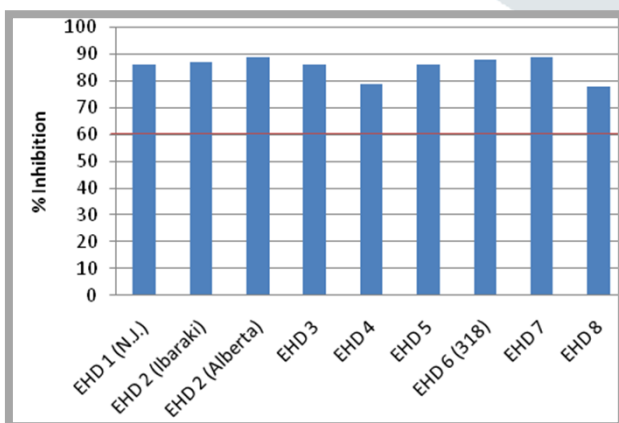
Reference	Packaging
VETEHDV/2	2 plates in strips – 192 tests



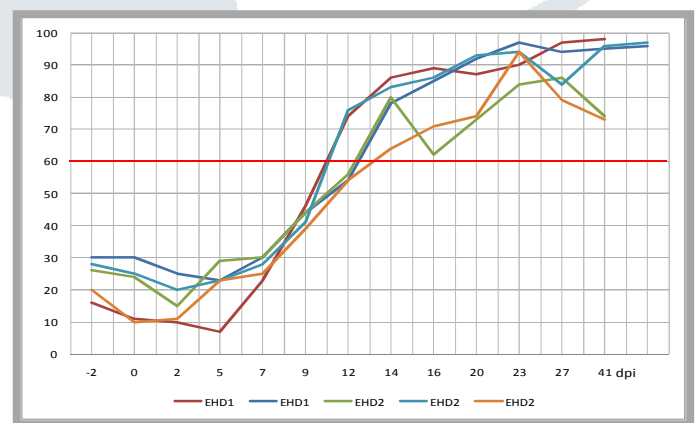
Developed in collaboration with IAH (Pirbright, UK) and ANSES (Maisons Alfort, France)

Technical Informations:

- ↳ 96-wells ELISA coated microplates (192 tests) : 2 plates in strips
- ↳ Elisa based on a recombinant antigen
- ↳ Positive EHDV reference serum available (reference REHDV)
- ↳ Specificity of 100% on cervids and 99% on bovines
- ↳ Strong and reproducible (CV<10%)



Detection of EHDV positive experimental sera
 ➤ 8 serotypes and variants detected



Seroconversion after EHDV experimental infection
 ➤ Early detection of EHDV antibodies (D10-D12 post infection)

- Specific and Sensitive test
- Results in less than 1 hour
- Early detection
- The 8 serotypes of EHDV and variants are detected

LSIVET EHDV BLOCKING KIT: The first kit for the detection of EHDV specific antibodies in the market.

Innovative kits in ELISA and Real Time PCR

To support your projects in animal health diagnostic

LSIVET

ELISA line

TAQVET™

REAL TIME PCR line

MAGVET

MAGNETIC BEADS

RUMINANT



BVDV/BDV
 Bluetongue Virus
 Coxiella burnetii / Q Fever
 Chlamydomphila spp
 EHDV **NEW !**
 Infectious Bovine Rhinotracheitis / IBR
 Maedi-Visna and CAEV
 Mycobacterium paratuberculosis
 Mycoplasma agalactiae
 Neospora caninum
 RSV and PI3
 Toxoplasma gondii

RUMINANT



Bluetongue Virus
 BTV group
 BTV genotyping BTV1, BTV2, BTV4, BTV6, BTV8, BTV9, BTV11, BTV16
 BVDV/BDV
 Coxiella burnetii (Q Fever) and Chlamydomphila spp
 EHDV
 Histophilus somni **NEW !**
 IBRgB
 Mycobacterium paratuberculosis
 Mycobacterium tuberculosis complex
 Mycoplasma bovis
 Toxoplasma gondii and Neospora caninum
 Ovine herpes virus 2
 Pasteurella multocida & Mannheimia haemolytica **NEW !**
 Peste des petits ruminants **NEW !**
 Rotavirus coronavirus
 RSV and PI3
 Salmonella enterica spp

POULTRY



IBD/Gumboro
 IBV/Infectious Bronchitis
 NDV/Newcastle disease

PORCINE



Actinobacillus pleuropneumoniae
 Aujeszky gE and gB
 Classical swine fever
 Parvovirus porcine
 PRRS American and European
 Suis influenza

POULTRY



Avian Metapneumovirus A, B and C
 Avian mycoplasma (Mg, Ms and Mm)
 Influenza A, H5, H7 and N1
 Newcastle disease

PORCINE



Aujeszky gE **NEW !**
 Brachyspira hyodysenteriae
 Classical swine fever
 Coronavirus porcine
 Influenza A / Genotype M new H1N1 2009 included
 Lawsonia intracellularis
 Pasteurella Multocida Toxinogene
 Porcine Parvovirus
 Porcine Circovirus 2

ALL SPECIES

Anaplasma phagocytophilum
 Campylobacter spp
 Leptospira **NEW !**
 West Nile Virus **NEW !**

HORSE



Equine Arteritis Virus
NEW !

PURIFICATION SYSTEMS BY MAGNETIC SEPARATION TECHNOLOGY

- Choice of 2 automates: 15 and 96 samples
- One extraction kit for all sample types
- One extraction for RNA and DNA
- One program for all pathogens
- Rapid, Easy to use and Flexible



NEW !

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