

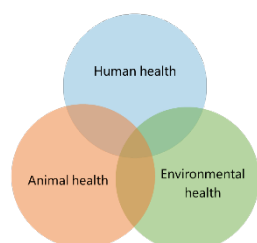
PARTNER FOCUS: INNOVATIVE DIAGNOSTICS

[IDvet-Innovative Diagnostics](#) is honored to be a member of the DEFEND consortium. Our Livestock R&D Manager, Loïc COMTET, is co-leading with The Pirbright Institute the Work Package dedicated to diagnostics, developing new tools to detect ASFV and LSDV.

The main tasks include:

- Identification of immunodominant antigens
- Characterisation of immune response to different antigens (strength, seroconversion) toward infected and/or vaccinated animals
- Generation of polyclonal and monoclonal antibodies
- Exploration of cell-mediated immune response
- Post-vaccination monitoring studies to establish guidelines.

OUR COMMITMENT TO THE *ONE HEALTH* CONCEPT



Our company has always been acting for *One Health*: as veterinary diagnostics specialists, we know that the health of people is intimately connected to the health of animals and the environment, especially in this age of globalization. We help to protect both human health and the global food supply by offering diagnostic tests to detect zoonotic diseases in humans and animals, and veterinary diseases in farm animals.

Our tests, mainly based on ELISA and qPCR techniques, are used worldwide to:

- Control veterinary diseases
- Detect emerging and re-emerging diseases
- Limit disease spread when animals are moved between farms and countries
- Detect zoonotic diseases, transmissible to humans
- Verify the effectiveness of vaccination.

Innovative Diagnostics strives to be at the cutting edge of veterinary diagnostics thanks to in-house technical expertise, high throughput production and close relationships with leading scientists worldwide.

IN-HOUSE TECHNICAL EXPERTISE



The key feature of Innovative Diagnostics production workflow is that we manage the entire process on site from raw biological materials (monoclonal antibodies, recombinant proteins, viral and bacterial antigens) through to final product.

This enables us to take a hands-on approach to quality at every step and offers us flexibility. In turn this means we can maintain a customer-orientated outlook to our business, offering a bespoke service where possible.

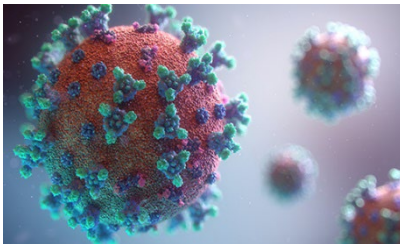
HIGH THROUGHPUT IN MANUFACTURING



Highly skilled staff and modern infrastructure allow Innovative Diagnostics to guarantee the production of high volumes of biological components, ELISA and PCR reagents, with rapid delivery around the world.

QUICKLY REACTING TO SANITARY EMERGENCIES

Innovative Diagnostics is a science-driven company, investing 30% of profits in Research and Development activities. Independently owned, the company can rapidly develop diagnostic solutions to new outbreaks.



For example, we developed the first Schmallenberg virus ELISA worldwide further to an outbreak in Europe in 2011.

More recently, Innovative Diagnostics was able to quickly react to the emergence of the SARS-CoV-2 virus offering a complete diagnostic range: from April 2020, the company is the first in France to offer a serological test.

EXTENSIVE EXPERIENCE AS AN INDUSTRIAL PARTNER IN INTERNATIONAL PROJECTS



Since its creation in 2004, Innovative Diagnostics has been committed in participating in number of European funded collaborative projects (H2020, H2021), contributing development of specific ELISAs, to provide prototypes to all partners and/or to participate in the organization to experimental studies and ring trials.

In addition to DEFEND, Innovative Diagnostics has been involved in SPIDVAC (covering AHSV, PPRV and FMDV), PARATBTTOOLS (2006-2012), EDENext (CCHFV), ORBIVAC (BTV, EHDV and AHSV), FLUAID (AIV) projects.

WIDE RANGE OF TESTS FOR THE DETECTION OF ASFV AND LSDV

Our tests for LSDV detection currently include:

- [ID Gene™ Capripox Virus Triplex qPCR](#)
- ID Gene™ LSD DIVA Triplex qPCR (*to be withdrawn from the market in its current version, due to the spread of the new mutant vaccine strain*)
- [ID Screen® Capripox Double Antigen Multi-species ELISA*](#)

Our tests for ASFV detection currently include:

- [ID Gene™ African Swine Fever Duplex qPCR](#)
- [ID Gene™ African Swine Fever Triplex qPCR](#)
- [ID Screen® African Swine Fever Competition ELISA*](#)
- [ID Screen® African Swine Fever Indirect ELISA*](#)
- [ID Screen® ASF Oral Fluids \(Biwell\) ELISA](#)



*These tests have been cited in many publications worldwide, demonstrating their successful use in the field (see references below).

KEY FACTS ABOUT IDVET-INNOVATIVE DIAGNOSTICS



- Company founded in **2004**
- **Our diagnostic solutions:**
 - include **ELISA, qPCR and rapid antigen tests**
 - cover **more than 50 veterinary diseases** including ASF and LSD, but **also zoonotic diseases** like CCHF, Q Fever, West Nile Fever, Rift Valley Fever and COVID-19
- **5000 m²** facilities located near Montpellier, France
- Offices in Brazil, India, China and a production facility in the USA
- **150 employees**
- **Independent and 100% self-financed company:** our own R&D activities and state-of-the art, automated production line, allow us to react immediately to sanitary emergencies
- **Certified ISO 9001:2015**



References:

- ID Screen® Capripox Double Antigen Multi-species ELISA: [list of external references](#)
- ID Screen® African Swine Fever Competition ELISA: [list of external references](#)
- ID Screen® African Swine Fever Indirect ELISA: [list of external references](#)



Website:

www.innovative-diagnostics.com