

AHEAD IN
ANIMAL HEALTH



Royal GD The Netherlands



ROYAL GD IS AHEAD IN ANIMAL HEALTH
WITH A CENTURY OF EXPERIENCE AND PASSION



A century of experience and passion

Since its foundation in 1919 when Dutch farmers and dairy organisations joined forces to combat animal diseases, Royal GD has focused on animal health. Today we still work with the same passion, for the same goal, backed by a century of experience.

We are a leading organisation in animal health and animal production. We support our customers worldwide, thanks to state-of-the-art veterinary laboratories and research facilities, and our veterinary knowledge and expertise. Clients rely on us for high-quality and independent consultancy, contract research and disease control programmes.

Good health is in the best interest of animals, and contributes to sustainable farming. This meets the goals of a society that wants environmentally friendly food that is safe and healthy. At Royal GD, we have the knowledge and passion to support these goals.

Your partner in animal health

We support the livestock business worldwide. Farm managers and their veterinarians, industrial customers and governments rely on the products and services we offer. We are your partner in animal health for all farm animals, from cattle, poultry and swine to small ruminants such as sheep and goats.

Royal GD in numbers*

- 85 million euros in revenue in 2021
- Almost 5 million lab analyses annually
- Around 500 employees
- 90 researchers and specialised veterinarians

**Consolidated results*



Comprehensive animal health solution

We can support your livestock business with animal health expertise, research and development, and diagnostics. This unique combination of strengths enables us to offer you laboratory tests and to help you interpret the results. We also offer a wide variety of animal health products and services.



1. Veterinary laboratory tests

To best serve our clients, our laboratory meets the highest possible quality requirements using modern equipment and robots. This enables us to carry out large-scale testing accurately, quickly and efficiently. Our laboratory has been ISO 17025 accredited by the Dutch Accreditation Council (RvA) for a large number of laboratory tests (registration number L120) and we are ISO 9001 certified.



Our staff are international experts in the fields of pathology, histopathology, microbiology, virology, molecular biology, serology, chemistry and toxicology.

FTA cards

Submitting samples on FTA cards is fast and easy: samples can be submitted to our laboratory from anywhere in the world. We provide you with independent and reliable results for a large range of PCR tests and sequencing.

Specialised diagnostics

Besides routine diagnostics, we offer a wide range of specialised diagnostic tests and related analyses such as genotyping, phylogenetic analyses, susceptibility tests, pathogen isolation, classical (sero) typing techniques, and more.

Clear overview of laboratory tests and rates

Interested in our rates for laboratory tests?

Our website gives a clear overview of our laboratory tests and rates.

Scan the QR code below for up-to-date insight into our products and rates.





2. Contract research organisation

We have our own animal facilities for poultry, swine, cattle and small ruminants, in which we carry out studies in a controlled environment. Additionally, we are in close contact with veterinarians and farmers in the Netherlands. We can therefore carry out field studies efficiently and collect a great number of samples and data within a narrow time frame. In the case of multicentre trials, our laboratory can process samples originating from countries both inside and outside the EU.

Good clinical practice for clinical trials

As a contract research organisation, we perform veterinary clinical trials, according to good clinical practice (GCP). The associated activities are intended to support clinical research, with the aim of improving animal health and welfare and advancing animal health science.

We conduct safety studies on veterinary medicines in compliance with the OECD principles of GLP. We have an endorsement of compliance from the Dutch GLP inspectorate.

Scan the QR code for more information.



Portfolio

Our portfolio includes, but is not limited to:

- Expertise teams for Poultry, Cattle and Swine health
- Clinical studies
- Animal models
- In vitro models

3. Proficiency testing schemes to verify quality

Proficiency testing schemes (PTS) allow you to verify the quality of your laboratory. Proficiency testing is an inter-laboratory study to determine the performance of individual laboratories for specific tests, and to monitor laboratories' continuing performance. Taking part in one of our proficiency testing schemes is a valuable part of your laboratory's quality control management and the ISO 17025 accreditation process.

Time schedule and application

There are eight PTS rounds per year and we are continuously developing new proficiency testing schemes. We can also set up proficiency testing schemes for third parties or in cooperation with third parties.

Quality

Royal GD has been accredited according to ISO 17043:2010 for the organisation of most of the proficiency testing schemes for antibody detection and molecular biology (registration number R016). This ensures our technical competence as your PTS provider.

Scan the QR code for the time schedule, application form and more information.





4. Diagnostics: biological reagents

We offer you a large number of antigens, monospecific antisera and reference sera, carefully selected to obtain optimum results in laboratory tests. The diagnostics are produced in our own facilities. All antigens, antisera and reference sera are freeze-dried to extend their shelf life and guarantee long-term stability.

Technical support

Our R&D experts and laboratory technicians can answer your technical or practical questions on the use of diagnostics products and the associated techniques. You are more than welcome to consult them.

Our distributors

Royal GD diagnostics are sold in more and more countries through distributors who can give you detailed information, answer questions, and offer help with orders.

Scan the QR code for an overview of our distributors.



5. Research & Development

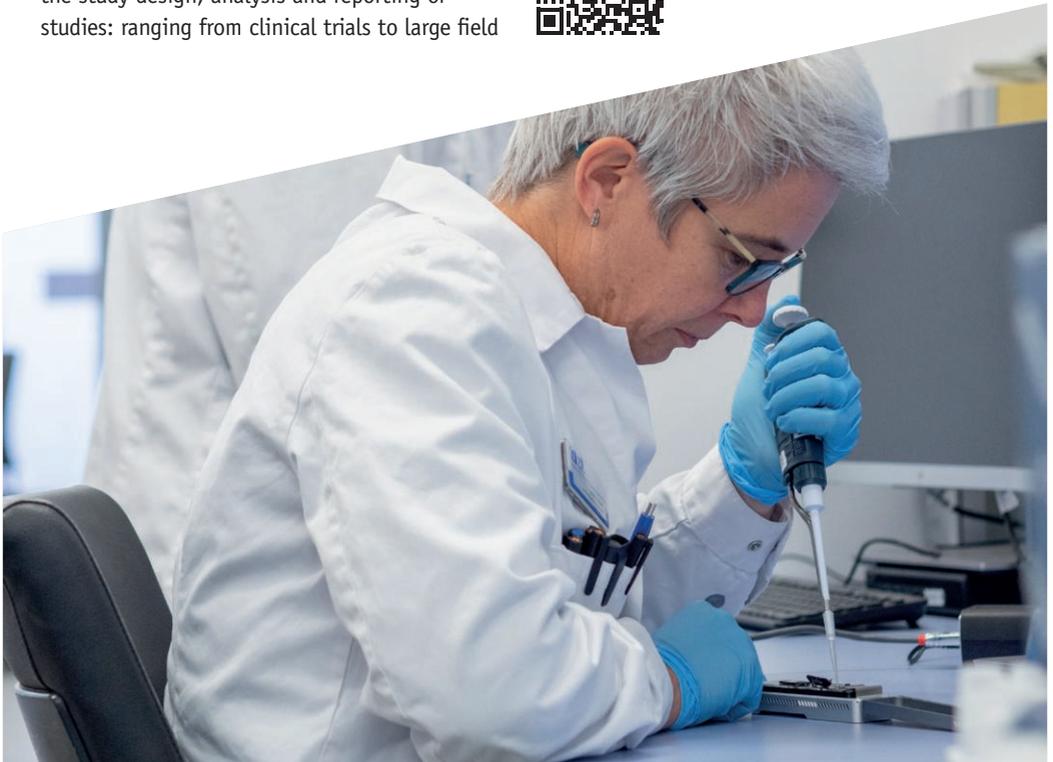
Based on our field and laboratory expertise, we are continuously improving existing and developing new products and programmes for our clients. Our R&D team is always one step ahead when it comes to animal health, working from its own laboratory. It is involved in the validation and quality assurance of diagnostic tests in our operational laboratory, as well as in animal health surveillance programmes and contract research.

Epidemiology

Our epidemiology team assists and carries out the study design, analysis and reporting of studies: ranging from clinical trials to large field

studies. Animal health monitoring is vital for animal health and welfare, food safety, and a country's export position. Royal GD has been assigned the important task of monitoring the health of all farm animals in the Netherlands. Our epidemiologists therefore have broad experience with big data sets and can apply all the necessary statistical techniques in their studies.

Scan the QR code for our projects.





6. Consultancy

Our team of veterinarians, specialists and scientists carries out animal health monitoring, conducts practical research, and develops programmes for animal disease prevention and control. We can also support farm managers and their veterinarians with specific disease problems. We can also offer advice on the interpretation of individual test results, but also on your company as a whole.

Animal health partner

We are an experienced partner in many national and international programmes related to animal health, such as disease control programmes, monitoring programmes, the establishment of veterinary diagnostic labs, and lab capacity building projects.

Laboratory network

We can also support you to further improve the quality assurance of your veterinary laboratory. One of our specialists can visit your laboratory to perform an audit based on a checklist, and then provide you with the relevant findings and suggestions for improvements to the quality of your laboratory.

7. Enhance your knowledge with GD Academy

GD Academy provides education and training related to animal health and animal diseases for farm managers, their staff and veterinarians, pharmaceutical companies, the feed industry and governments. Our training programmes focus on cattle, swine, poultry and small ruminants such as sheep and goats. Our animal health experts discuss current topics and issues and guide you in applying the theory into practice, enabling you to apply the acquired knowledge immediately.

Sharing diagnostic knowledge

We also offer theoretical and practical courses on the implementation of veterinary diagnostic lab test methods and the ISO17025 Quality System.

Custom-made courses, e-learning and webinars

We organise open courses as well as fully custom-made ones to meet your needs. In the Netherlands and in your country.

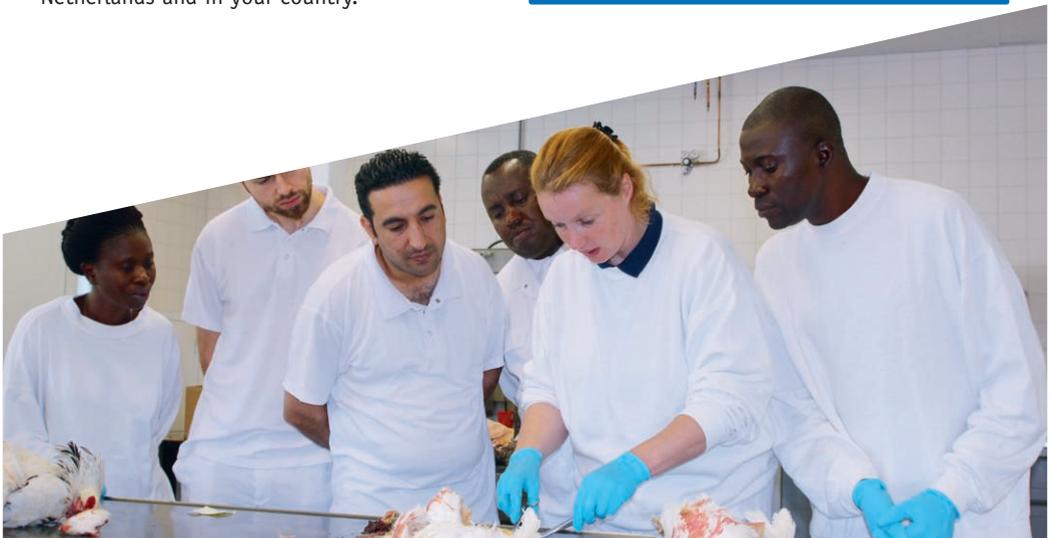
We also offer various subjects via e-learning and webinars in combination with a live and/or online training session. An interactive training session with personal contact with one of our experts. Furthermore, our experts give lectures and keynotes all over the world to share our knowledge.

Scan the QR code for our course catalogue.



GD Academy

- Top class animal health and diagnostics experts
- Combination of theoretical and hands-on training
- State-of-the-art veterinary laboratory
- Theoretical as well as hands-on
- Independent organisation





8. Animal health programmes

You can participate in one or more animal health programmes for cattle, swine, poultry and small ruminants and submit samples for testing. Our experts interpret the results and provide advice in a report based on local legislation. Our programmes enable you to minimise the risk of a disease outbreak, improve animal health and increase profit. We can also develop a custom-made programme for your specific farm needs. Such a programme may include one or more farm visits, allowing us to give you accurate and relevant guidance.

Cattle

- Bulk tank milk mastitis
- Bovine Viral Diarrhoea
- Paratuberculosis
- Bulk tank milk minerals, claw health, parasites

Swine

- PRRS
- Aujeszky's disease
- Piglet OK

Poultry

- Antibiotic reduction
- Mortality reduction
- *Mycoplasma gallisepticum*
- *Mycoplasma synoviae*
- Salmonella

Small ruminants

- Maedi Visna/Caprine arthritis encephalitis
- Caseous lymphadenitis
- Bulk tank milk *Coxiella burnetii*

Find out more and scan the QR code.





Our Business Development team is looking forward to meeting you!



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