

# BIOLOGICAL MATERIAL



### Samples Ideal for In Vitro Research

Accelerating the development and use of biological material, to address important scientific questions without the use of animals, are important steps in the development of safer and more effective medicines in full alignment with the 3R principles:

Replacement • Reduction • Refinement

In vitro methods are routinely used as they correlate with in vivo studies, and help in the understanding of a specific in vivo response in any given species. Increasing the use of biological material requires obtaining samples from healthy, genetically standardized and barrier-bred animals, for which Göttingen Minipigs are particularly attractive.

The stable genetic background of Göttingen Minipigs is ensured through careful genetic selection and breeding, and their well-defined health status is ensured through isolated barrier-breeding and documented in the publically available Health Monitoring Reports.

#### Did you know...

Göttingen Minipigs are a reliable model for biological studies and research:

- Pharmacology
- Pharmacodynamics
- Pharmacokinetics
  - Toxicology
- Safety pharmacology
- Experimental surgery
- Fundamental science



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# **High-Quality Biological Material**

Biological material from Göttingen Minipigs can be supplied from both genders and all age groups. All samples are genetically trackable through our pedigree records and documentation can be accessed upon request, as can samples for prescreening, pretesting, assay development and pilot set-ups.

**Blood products** whole blood, plasma, serum

**Biofluids** cerebral spinal fluid (CSF), urine, milk, faeces

**Tissues and organs** skin, liver, kidney, heart, eye, lung, brain

Samples are handled and delivered according to requested specifications, so they arrive in a condition fitting the purpose.

Need other samples? Please contact us with your enquiry.

Read more about Göttingen Minipigs and retrieve pricing examples on minipigs.dk



### **Our History**

Ellegaard Göttingen Minipigs A/S was founded to supply scientists in biomedical research with a better non-rodent animal model, than what was already available. Such an animal model should have many similarities to humans, a high-quality health standard and be small and easy to handle.

In 1969, the University of Göttingen in Germany finalized the development of such an animal model, and later, in 1991, entered into an exclusive licensed agreement with Lars Ellegaard. Shortly after, a number of pregnant sows went through Caesarean sections at our facility in Denmark, and thereby established the foundation of the herd still in breeding today. Based on high quality of health standards, Lars Ellegaard created the first colony of barrier bred. microbiologically defined Göttingen Minipigs. Today Göttingen Minipigs are fully recognized as an established animal model by all regulatory authorities worldwide. High health, welfare, quality, knowledge and service standards has turned Ellegaard Göttingen Minipigs A/S into a leading international company supplying Göttingen Minipigs for biomedical research around the world, in close cooperation with our dedicated partners.

From our AAALAC accredited facility in Denmark we breed Göttingen Minipigs and enable the development of safer and more effective medicines, all based on our core values:

> Animal welfare, quality, respect and collaboration

### We enable development of safer and more effective medicines

As we believe in the value of scientific validity, research, background data and collaboration, we invest an increasing share of our resources in the development and accumulation of new knowledge about Göttingen Minipigs, and in networking with scientists working actively with our animals.



#### Ellegaard Göttingen Minipigs A/S

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