

## HELP & ADVICE

### Accreditation

LABOKLIN is an accredited laboratory according to DIN EN ISO/IEC 17025:2018. This means that our tests are always executed according to reliable and verifiable procedures. Thereby, we are not only subject to strict daily controls, but also regular external controls in the form of ring trials. We have also implemented fixed testing and training procedures



in our laboratory that are regularly reviewed on-site by an accreditation agency. Thus, you are trusting your samples to a lab partner, who is committed, with expertise and heart, to providing the highest possible quality of processing and consultancy.

### Sample material for all genetic tests:

1 ml EDTA blood or 15 – 20 hairs with roots from mane or tail.  
Storage of samples for 5 years.



## Lab profile

Name: LABOKLIN GmbH & Co. KG  
Office: Bad Kissingen  
Founded: 1989  
Type: Laboratory for clinical diagnostics  
Qualifications: One of the leading laboratories in Europe  
Operating in: Europe, Asia, Arabian Peninsula  
Team: Over one hundred specialists and veterinarians  
Specialty: Research projects at the federal level

Handed out directly from your vet



(stamp)

### Service

This info folder and other useful information is provided on our website [www.laboklin.com](http://www.laboklin.com). Under the heading "Vetinfo – Folder Help & Advice" you can read and download this information.

# LABOKLIN

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# LABOKLIN

## GENETICS DOG AND CAT



## HELP & ADVICE

The modern information series provided by your vet and LABOKLIN

## Test requirements

To have your genetic tests performed at LABOKLIN, send the samples, together with the completed submission form Genetics (online at <http://www.labogen.com>) to us by post or via your local veterinary. We recommend your vet collecting samples needed for genetic testing. At the same time he can confirm the identity of your animal.

In general, 1 ml of EDTA blood is the most appropriate sample material. Alternatively, dry swabs (without transport medium) from the oral mucosa can be used in cats and dogs. We will be happy to send such dry swabs to you free of charge. Please note that approximately 5% of buccal swabs yield no result (depending on the test).

You will receive your results by e-mail or fax or upon request by post. Your invoice will be sent to you by post in a separate letter.



## Genetics in veterinary medicine

Today, Labogen, the genetics department of LABOKLIN, offers more than 400 genetic tests for hereditary diseases and coat colours as well as complete DNA profiles for dogs, cats and horses. Specialties such as breed identification or species differentiation using unusual sample material complete its portfolio.

### Our genetics range

Including the genetics department, Labogen, in the veterinary laboratory, LABOKLIN, offers our customers a complete package of tests in the field of veterinary medicine.

LABOKLIN has one of Europe's broadest ranges of self-executed and accredited veterinary tests, especially in the field of genetics. However, it is not possible to perform all the tests in house for various reasons. In these cases, we strive to cooperate with other investigating laboratories.

In addition to the tests for hereditary diseases and coat colours we generate DNA profiles for the aforementioned species according to the ISAG standard. Consequentially, we also offer paternity tests and breed analysis for dogs and cats. Take a look at our homepage where you will find every test we offer sorted by breed.

## "Genetics and more"

Beyond genetic tests, we offer our customers a wide range of extended services:

A combination of automated processing of samples and interpretation of the raw data by hand guarantees our customers an extremely high level of speed and accuracy.

We advise to test in regards to "breed specificity for genetic testing" and dissuade from "untargeted" genetic investigations of an animal's genes for mutations that have only been described in other breeds in connection with disease.

Our numerous contacts with global research facilities ensures that we always are on the cutting edge of research and technology.



We are also able to give feedback to these facilities about the latest developments in dog or cat breeding, since our close contact with the breeders keeps us up to date.

All DNA samples we receive are stored in-house. Therefore, our customers can request additional genetic testing without further sampling.

We are always striving to provide the best possible customer support. Thus, we are reachable by phone Monday to Friday from 9:00 to 18:00 and by e-mail. If you contact us by e-mail we will individually answer your questions within 24 hours. In addition to the standard procedure for submitting samples, we offer customized solutions for a variety of cases, covering the sample material as well as club-specific examination requirements up to the communication of findings.

## Selected genetic tests

→ **Degenerative myelopathy** (DM)

→ **Exercise-induced collapse** (EIC)

→ **MDR1 gene variant** (Ivermectin hypersensitivity)

→ **Primary lens luxation** (PLL)

→ **Bleeding tendency** (von Willebrand disease (vWD), type 1 – 3)

→ **Progressive retinal atrophy** (PRA)

→ **Pyruvate kinase deficiency** (PK)

→ **Hypertrophic cardiomyopathy** (HCM)

→ **Coat length / structure**

→ **Coat colours**

→ **Numerous breed specific combinations**

→ **DNA profiling** (according to international ISAG standards)

- DNA profile (proof of identity)
- Parentage testing
- Breed assignment (list of breeds at [www.laboklin.com](http://www.laboklin.com))
- Kinship

Please find a full overview and details about our genetic tests at our homepage [www.labogen.com](http://www.labogen.com)

