

# Genetic Research Project for the Saarlooswolfdog

## Important Update on PCYT2-D (PD)

**The genetic test for PCYT2 deficiency is here!**

Fantastic news: The test for PCYT2-D (PD) will become available at LABOKLIN next week. Finally, we have the tools to prevent this awful neurologic disease.

Once again, a big thank you on behalf of the researchers and project team to all breed clubs, breeders and owners who already donated blood and helped the research programme.

It has paid off. And now a test is available! Anyone can test now.

To make sure the process runs smoothly, we will provide you with instructions in several languages, such as the test number, how much blood and which form to use.

Saarlooswolfdogs who already have a PCYT2-D certificate with a test result from Bern - sent out on 4th October 2023 - do NOT have to repeat the test.

- Test and help eliminate PD. Avoid animal suffering and personal tragedies. It's a matter of honour.
- Test now, breed clubs will probably include the genetic test into their breeding regulations.

The test can only be done with **EDTA blood**.

The test is available from **LABOKLIN Laboratories** only.

### **Donate EDTA blood for the Saarlooswolfdog Genetic Research Project too !**

If you are going to the veterinarian anyway, collect a tube of EDTA blood (5ml) right away, it saves consultation costs. Your Saarlooswolfdog will help the University of Bern to develop new tests in the future. Once a new genetic disease is found, you will be at the frontlines when new test results are sent out.

The head of the Genetic Institute in Bern, Dr. Tosso Leeb asked us the following: *"For future research efforts, all Saarlooswolfdog breeders and owners should consider submitting blood samples of every registered Saarlooswolfdog: for both puppies recently born as well as older dogs. Blood samples need to be submitted only once to us. From 2-5 ml of EDTA blood we can extract so much DNA that it should last for decades of research."*

How to do the PD-test and donate to Bern? Instructions in multiple languages to follow soon.

### EDTA blood for your Saarlooswolfdog is already at LABOKLIN?

If you have recently (<5 years) sent EDTA blood for a DNA profile or other test (DM, Dw) to Laboklin, the test can be done with the same sample.

But we still ask you to donate blood to the Biobank of the University of Bern.

We hope everyone will help to prevent this terrible disease and support the follow-up research in Bern - gPRA, Retinal Dysplasia, Cataract, Epilepsy - at the same time.