

Sample handling for canine DNA research and DNA testing in Tibetan terriers

We welcome your participation in the canine research projects and/or DNA testing in Tibetan terriers. These projects are jointly performed by Tibetan terrier breeders, the International Klub für Tibetische Hunderassen e.V. (KTR), International Club für Lhasa Apso und Tibet Terrier e.V. (ILT), the Spezialclub für Tibet Terrier und Lhasa Apso e.V. (CTA) in Germany and the Institute for Animal Breeding and Genetics of the University of Veterinary Medicine Hannover (TiHo) in Germany. We establish a DNA-bank for the Tibetan terrier aiming at to investigate inherited diseases and conditions using molecular genetic techniques. **Canine ceroid lipofuscinosis (CCL, NCL)** is of special interest for an actually ongoing project. The samples collected will be exclusively at the disposal for research projects at the Institute for Animal Breeding and Genetics of TiHo. DNA extracted from these samples will be delivered to third parties only in the case when the owner of the dog will authorize us. Following points need your attention when a blood sample is collected and shipped:

1. The blood sample should be taken as sterile as possible. Ideally, 5 cc's of whole blood should be placed in the tube by the veterinarian. For very young dogs and puppies, 3 cc's are sufficient.
2. The tube should be coated with an anticoagulant. We recommend **EDTA-K monovettes**.
3. The sample has to be labeled with the ID of the dog (registered number of the dog, name of the dog and kennel, country code). Puppies have to be registered (chip, tattoo number, ID of the kennel club) before a sample is taken.
4. Please complete the individual dog information form and include a pedigree copy to tie in the correct ancestors.
5. The sample should be shipped immediately. If samples are held for a day or over the weekend, blood must be cooled at 4 °C. If samples are held for a longer time, blood must be refrigerated at -20 °C.

CUSTOMS STATEMENT that must appear on package: Canine whole blood for DNA extraction – not exposed to any infectious agents.

Please provide following information for us:

Name and address of the dog's owner:

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Country: Email: Fax:

Name and address of the veterinarian:

Signature of the vet to confirm the ID of the dog:

Sex of the dog: ____ male ____ female Kennel club:

Birth date: Date of investigation for CCL:

Diagnosis of CCL: ____ yes ____ no Examination by a veterinarian/pathologist: ____ yes ____ no

Other diseases: (please add vet's diagnosis)

Name of the dog and its kennel name:

Registered number of the dog: Chip-/Tattoo no. of the dog:

Registered number of the dog's sire: Registered number of the dog's dam:

I hereby request a DNA test for CCL from the sample enclosed and confirm that the sample enclosed has been collected from dog described above.

Signed:

Please include payment of 45.00 Euro. Cheques should be made payable to the Institute of Animal Breeding and Genetics, 30559 Hannover, Germany.

We appreciate to receive a copy of the official pedigree certified by the kennel club. Our investigations include a scientific use of some of the results. All data used in scientific publications will be made anonymous and thus the ID of the dog or the owner of the dog can not be inferred. Herewith, I confirm that the EDTA blood sample of the dog can be used for scientific projects and I agree on the anonymous use of the scientific data.

Date and signature:

Please send samples to:

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