

Hair root sample handling for the examination on Cerebellar Abiotrophy (CA)

The following points need your attention when a hair root sample is collected and shipped:

1. Hair from the tail is most appropriate for DNA isolation. The localisation of sample extraction should be as clean as possible.
2. Please twitch at least 80 hairs. It is important that the hair is **twitched** and not combed out. Only twitched hair has intact hair roots, which are needed for DNA isolation.
3. Very long hair has to be shortened. Put the hair in a clean envelope or sample tube. If you collect hair from several horses at the same time, take care that the samples could not mix with each other and put each sample in a separate envelope.
4. The sample has to be labelled with the identity of the horse (name and registration number, date of sampling).
5. Please complete the horse's individual data on this form and attach a copy of the horse's pedigree. For foals which do not have a horse passport yet, please attach the pedigree of the foal's parents.
6. The sample should be shipped as soon as possible.

Please fill in the following data:

Owner's address:

.....

Horse's name:

Date of birth: Breed: Arabian

Sex: stallion gelding mare

Registration number:.....

Registration number of father: Registration number of mother:

Date of collecting hair root sample:

Signs of CA visible: No Yes If yes, since when.....

Please attach a copy of the horse passport / official pedigree.**Notes:**

The CA test is available for a fee (50,- € per horse). The results are treated as strictly confidential and conveyed to the sender in written form.

Our investigations include a scientific use of the results. All data used for scientific publication will be made anonymous and thus, the ID of the horse, the owner or the breeder can not be inferred.

Herewith, I agree with my signature that the hair root sample derives from the horse named above and that the identity was verified by means of the horse passport.

Date and signature

.....

Please send hair root samples to:

Institute for Animal Breeding and Genetics
University of Veterinary Medicine Hannover
Prof. Dr. Ottmar Distl
Bünteweg 17p
30559 Hannover
Germany
Tel.: +49 511/953-8875; Fax: +49 511/953-8582
E-Mail: ottmar.distl@tiho-hannover.de