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## PROTOCOL OF DNA ANALYSIS FOR DETECTION OF INHERITED DISEASES

Submitter of analysis : Trotobas Amandine  
La guillemarde  
03240 Rocles, France

Date of sampling : 09.01.2014  
Date of samples receipt: 03.02.2014  
Date of analysis : 13.02.2014

Breed/name	Tattoo or chip/ Certificate of origin	Laboratory code	Type of analysis	Result
Berger Australien / ECLIPSE DE L'OEIL DU CYCLONE	<b>250269801331194</b> LOF 1 B.AUS. 16041/2844	140203/K0319	HSF4/HC	N/N Non-affected

The samples and results of analysis are stored in a database under the lab code 140203/K0319.

**HSF4 (HC)** – Hereditary cataract – deletion/insertion 1 bp in HSF4 gene.

Genotype HC N/N – non-affected subject –**NORMAL (NON-AFFECTED)**

Both genes, inherited from both male and female are unaffected. That means that the subject has both alleles healthy.

Genotype HC N/A - **CARRIER**

Subjects with confirmed heterozygous N/A genotype are carriers. Gene mutation can be transmitted to offspring.

Genotype HC A/A – **AFFECTED** subject

The subject is a homozygote with A/A genotype, which inherited the affected allele from both parents and thus is affected by the disease.

Notice: This protocol applies exclusively to the sample and the data that were supplied by the submitter. DNA analysis concerns only the above mentioned disease. No information regarding the customer as well as purpose and results of the analysis will be provided to third parties.

In Bratislava 14.02.2014  
Ing. Marcela Bielíková, PhD.