



PROTOCOL OF DNA ANALYSIS FOR DETECTION OF INHERITED DISEASES

Protocol No. D1905001493

Customer: YVES AEMMER Sample type: buccal brush Date of sampling: 29.03.2019
75 RUE DE BETSCHDORF RD 344 Date of birth: 16.05.2017 Date of receipt: 13.05.2019
ANCIENNE MF ERZLACH Sex: F Date of analysis: 16.05.2019

The identity of the animal has been verified. Sample collected by vet: GOBIER LUDWIG, veterinary register no: 20978

Breed/Name	Tattoo or RFID id Pedigree number	Laboratory code	Type of analysis	Result
Miniature American Shepherd / NEW GAME DU BOIS DES TERNES	250269606911137	190513/T0813	CMR1	N/N Non-affected
	1369/342			

The results of analysis are stored in a database under the lab code 190513/T0813.

Hints:

CMR1 - Canine Multifocal Retinopathy – is an autosomal recessive eye disorder. This disease is caused by C73T mutation in exon 2 of VMD2 gene.

The mutation causes forming of premature stop codon in position 25 (R25X).

CMR1 N/N – homozygous individual non-affected are genetically clear.

CMR1 N/A – heterozygous carrier are clinically without any symptoms. They are genetically considered carriers of the disease, disease is transmitted to offspring..

CMR1 A/A – homozygous affected individual

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 the purpose and results of the analysis will be provided to third parties.

In Bratislava 17.05.2019

Ing. Marcela Bielíková, PhD.