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GENETIC TEST INTERPRETATION FORM

SEQOMICS
Animal Health



Reference No.: 506/2022

Owner Information

Last Name:	Cirković	First name:	Slavoljub
City:	Krusevac	Address:	
Country:	Serbia	ZIP Code:	
Phone:		E-mail:	

Dog information

Registered Name:	Astra	Registration No.:	JR 719172 (dob)
Breed:	Dobermann	Microchip No.:	68805 20001 75698
Gender:	Female	Date of Birth:	28.11.2020
Coat Colour Length:	Black And Tan/Short	Sample No.:	506/2022

Sample Information

Date of sample collection:	28.02.2022	Date of sample processing:	11.03.2022
Sample label:	astra	Sample received as:	EDTA-Blood
Sample taken by (name of veterinarian):		Dvm Nikola Ilie	

Results

GENETIC TEST(S)	GENOTYPE
Dilated cardiomyopathy (DCM)	N N
von Willebrand disease type I (vWD1)	N N

Genotype Interpretation Form

Genotype N/N - CLEAR NON-AFFECTED

The clear dog does not carry the mutation (a clear dog has two copies of the normal gene and will not pass on the mutation to their offspring).

Genotype N/A - CARRIER

The carrier dog has one copy of the normal form of the gene and one copy of the mutated gene (this is also referred to as being heterozygous) but it will not exhibit disease symptoms. Carriers will not have medical problems as a result. Gene mutation can be transmitted on to half of their offspring. Inform your veterinarian and consult with him/her regarding test result.

Genotype A/A - AFFECTED

The affected dog has two copies of the gene mutation (this is also referred to as being homozygous sick). Affected dogs will pass one copy of this mutation on to all of their offspring and should not be used for breeding. Inform your veterinarian and consult with him/her regarding this test result.

Notes

DCM: presence or absence of a 16 bp del mutation in PDK4 gene was determined by sequencing.

DCM can be caused by other non-identified mutations.

vWD1: presence or absence of the c.7437G>A mutation in vWF gene was determined by sequencing.

Based on the latest publication vWD1 is inherited as a dominant trait with incomplete penetrance, which means that not all dogs that have the vWF mutation will present clinical signs of the disease. Crespi JA, LS Barrientos, G Giovambattista (2018) von Willebrand disease type I in Doberman Pinscher dogs: genotyping and prevalence of the mutation in the Buenos Aires region, Argentina. J Vet Diagn Invest 30(2):310-314.

Date: 11.03.2022

Stamp and signature:

SEQOMICS Biotechnology Ltd.
Václavská street 7
Mladá Boleslav HU-6782
VAT: HU14654819

Quality assurance of the laboratory is in compliance with the EN ISO/CEI 17025:2005 standard.
National Food Chain Safety Office license number: 114/2016/Lab/NEBH
ISAG ID number of the lab: 118101

SeqOmics Biotechnology Ltd. cannot take any responsibility for the origin of the shipped samples.
The result is valid only for the submitted sample.

Without a written consent of the laboratory, partial copying of the interpretation form will invalidate it.



HIP-ELBOW DYSPLASIA - INTERNATIONAL CERTIFICATE (displazija kukova-displazija laktova-internacionalni sertifikat)

X-RAYS MADE ON (radiografski pregled)	13.12.2022				
OF THE DOG (psa)	pas (dog)				
BREED (rasa)	DOBERMAN				
NAME (ime)	ASTRA				
SEX (pol)	ZENSKI	BIRTH DATE (datum rođenja)	28.11.2020	STOOD BOOK (priplodni registar)	KKS 10.02.2021
REGISTRATION N ^o (No registra)	JR 719472 Dob	TATOO/CHIP N ^o (tetovir No-mikročip No)	688052000175698		
OWNER (vlasnik)	Slavoljub Ćirković				
ADDRESS (adresa)	s. Sušica, 37204 Kruševac				

CLASSIFICATION - KLASIFIKACIJA

HIP (kukovi)	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
ELBOW (laktovi)	0	BL	1	2	3

CIRCLE THE RELEVANT
ZAKRUŽI RELEVANTNO

THE EVALUATION WAS MADE (procena napravljena)	BY (od strane)
HIP (kukovi), ELBOW (laktovi)	Veterinarska ambulanta PET VET 37 Kruševac
ON (na)	

THE PROCEDURE HAS BEEN PERFORMED ACCORDING TO THE RULES OF F.C.I.- (ova procedura je napravljena po pravilima F.C.I.)

SIGNATURE (potpis)	STAMP (pečat)	SIGNATURE (potpis)	STAMP (pečat)
Nikola M. Ćić Dr. vet. med. sci. 2228	Никола Илић ПР ВЕТЕРИНАРСКА АМБУЛАНТА ПЕТ ВЕТ 37 КРУШЕВАЦ		

