



SeqOmics Biotechnology Ltd. Vállalkozók útja 7. 6782 Mórahalom Hungary Phone: +36 30 392 3642 E-mail: animalhealth@seqomics.hu	GENETIC TEST INTERPRETATION FORM	 SEQOMICS <small>www.seqomics.hu</small> Animal Health 
	<i>Reference No.: 275/2023</i>	

Owner Information

Last Name:	Mádyné Kurovics	First name:	Erika
City:	Miskolc	Address:	Sellő utca 13
Country:	Hungary	ZIP Code:	3525
Phone:	+36309783132	E-mail:	mady.janos@gmail.com

Dog information

Registered Name:	Elvis Castello Królewska Kraina	Registration No.:	Not provided
Breed:	Boston Terrier	Microchip No.:	61609 91200 07324
Gender:	Male	Date of Birth:	22.07.2017
Coat Colour/Length:	Fekete-Fehér/Short	Sample No.:	275/2023

Sample Information

Date of sample collection:	31.01.2023	Date of sample processing:	06.02.2023
Sample label:	616099120007324	Sample received as:	EDTA-Blood
Sample taken by (name of veterinarian):	Dr. Kiss Kornél		

Results

GENETIC TEST(S)	GENOTYPE
Hereditary cataract (Terriers and others) (HC-1)	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

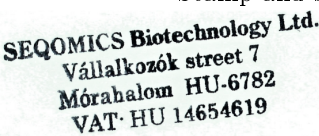
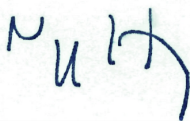
The carrier dog has one copy of the normal form of the gene and one copy of the mutated gene (this is also referred to as being heterozygous), but it will not exhibit disease symptoms. Carriers will not have medical problems as a result. Gene mutation can be transmitted on to half of their offspring.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

HC-1: presence or absence of the g.85286582_85286583insC mutation in HSF4 gene was determined by sequencing.
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Date: 06.02.2023	Stamp and signature:
	 SEQOMICS Biotechnology Ltd. Vállalkozók street 7 Mórahalom HU-6782 VAT: HU 14654619
	

Quality assurance of the laboratory is in compliance with the EN/ISO/CEI 17025:2005 standard.

National Food Chain Safety Office license number: 115/2015/Lab/NÉBIH

ISAG ID number of the lab: 118494.

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.