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Nederland

Report
No.: 2110-N-14506
Date of arrival: 15-10-2021
Date of report: 20-10-2021

Patient identification:	Dog female	* 17.04.19
	Oud Duitse Herder	
Owner / Animal-ID:	Wijman, Amina	
Type of sample:	EDTA	
Date sample was taken:	14-10-2021	

Name: **Jordan**
Stud book no.: **LSOHV 0674**
Chip no.: **528210006036999**
Tattoo no.: **---**

Pituitary Dwarfism - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for Dwarfism in the LHX3-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: German Shepherd, Saarlooswolfdog, Czechoslovakian Wolfdog, Tibetan Terrier, White Swiss Shepherd Dog

Degenerative Myelopathy - PCR

Result: Genotype N/N (exon 2)

Interpretation: The examined animal is homozygous for the

wildtype-allele. It does not carry the high-risk factor for DM in exon 2 of the SOD1-gene.

Trait of inheritance: autosomal-recessive

Please note: In the Bernese Mountain Dog breed the mutation in exon 1 of the SOD1-gene also occurs in correlation with DM.

I locus (pheomelanin intensity) - PCR

Result: Genotype I/i

Interpretation: The examined animal is heterozygous for the I- and i-allele.

The test detects the alleles I and i.
Allelic series: I dominant over i

The current result is only valid for the sample submitted to our laboratory. The sender is responsible for the correct information regarding the sample material.The laboratory can not be made liable. Furthermore, any obligation for compensation is limited to the value of the tests performed.

There is a possibility that other mutations may have caused the disease/phenotype. The analysis was performed according to the latest knowledge and technology.

The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2018. (except partner lab tests).

*** END of report ***

Drs. J. Vis