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Sportdierenarts
Mouwen
De Vorrelvenen 15
7991 TP Dwingeloo
Nederland

Report

No.: 1910-N-11590
Date of arrival: 22-10-2019
Date of report: 30-10-2019

Patient identification:	dog	female	* 29.04.16
	Poedel groot		
Owner / Animal-ID:	Verhoef, L.		
Type of sample:	Swab		
Date sample was taken:			

Name: **Dizzy Bell's Djevojka Damica**
Stud book no.: **NHSH 3042168**
Chip no.: **528140000636153**
Tattoo no.: **---**

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.

vWD Type I

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for vWD Type I in the vWF-gene.

Trait of inheritance: autosomal-dominant with variable penetrance

sample ID: 1910-N-11590

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Bernese Mountain Dog, Coton de Tulear, Doberman, Drentse Patrijshond, German Pinscher, Kerry Blue Terrier, Kromfohrl nder, Manchester Terrier, Papillion, Pembroke Welsh Corgi, Poodle and Stabyhoun

Neonatal Encephalopathy - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for NEWS in the ATF2-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Standard Poodle

***prcd-PRA (partner lab) - PCR**

Result: Genotype N/N (A)

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

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Australian cattle dog, American Cocker Spaniel, American Eskimo Dog, Australian Shepherd, Australian Stumpy Tail Cattle Dog, Barbet, Bearded Collie, Bolognese, Bolonka Zwetna, Chesapeake Bay Retriever, Chihuahua, Chinese Crested, English Cocker Spaniel, English Shepherd, Entlebucher Mountain Dog, Finnish Lapphund, German Spitz, Giant Schnauzer, Golden Retriever, Jack Russell Terrier, Karelian Beardog, Kuvasz, Lagotto Romagnolo, Lapponian Herder, Labrador Retriever, Markiesje, Norwegian Elkhound, Nova Scotia Duck Tolling Retriever, Parson Russell Terrier, Portugese Water Dog, Poodle, Schipperke, Swedish Lapphund, Silky Terrier, Spanish Water Dog, Swedish Lapphund, W ller, Yorkshire Terrier.

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Progressive Retinal Atrophy (rcd4 PRA) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for rcd4-PRA in the C2orf71-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Australian Cattle dog, English Setter, Gordon Setter, Irish Setter, Irish Red&White Setter, Old Danish Pointing Dog, Polish Lowland Sheepdog, Polish Tatra Sheepdog, Poodle, Small Munsterlander, Tibetan Terrier

Notice: It is assumed that other, until now unknown, mutations exist as app. 10% of ill Irish and Gordon Setters and 80% of ill Tibet Terriers do not carry this mutation.

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 17025:2005. (except partner lab tests).

*** END of report ***

Drs. J. Vis

*: test performed by partnerlaboratory