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/*05LABOKLIN NV . Verlengde Klinkertstraat 6 . NL-6433PL Hoensbroek/*02

Dhr.
Arie Kortleve
Opperstok 34
2959 EE Streefkerk
Nederland

/*05Report/*14
No.: 1701-N-00663
Date of arrival: 18-01-2017
Date of report: 20-01-2017

| | | | |
|-------------------------|----------------------|--------|------------|
| Patient identification: | dog | female | * 19.04.15 |
| | Bernese Sennen Isara | | |
| Owner / Animal-ID: | Kortleve, A. | | |
| Type of sample: | Swab | | |
| Date sample was taken: | | | |

Name: Isara Nekielskie Moczary
Stud book no.: 3018403
Chip no.: 616093900156551
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.

Degenerative Myelopathy (Exon 1) - PCR

Result: Genotype N/N (exon 1)

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the high-risk factor for DM in exon 1 of the SOD1-gene.

sample ID: 1701-N-00663



Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Bernese Mountain Dog
Please note: In the Bernese Mountain Dog breed the mutation in exon 1 of the SOD1-gene also occurs in correlation with DM.

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