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KvK 51674076

BTW NL006352078.B01

IBAN NL09 RABO 0120 9720 85

Mevr. C. Martens  
Waterspoor 15  
7642 JX WIERDEN  
06-29422979

Hond Themba, Rhodesian Ridgeback, teef  
Geboren op 03-11-2020 (1 jaar en 11 maanden)  
Chipnummer 528140000809225 tarwe korthaar

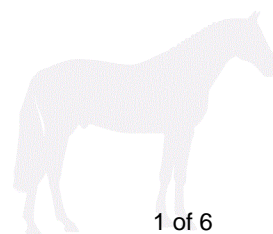
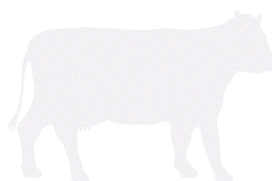
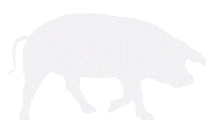
## PATIENTINFORMATIE

26-09-2022

bijlage

Details vindt u in bijlage 1

Ilse Hulsebos  
DK Hellendoorn-Nijverdal  
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# **Bijlage 1**

**datum: 26-09-2022**

Industriestraat 29 . 6433JW Hoensbroek

Dierenkliniek  
Hellendoorn-Nijverdal  
Ommerweg 54  
7447 RG Hellendoorn  
Nederland

**Report**

No.: 2209-N-11020  
Date of arrival: 20-09-2022  
Date of report: 26-09-2022

Patient identification:	Dog	female	* 03.11.20
	Rhodesian Ridgeback		
Owner / Animal-ID:	Martens, Meve C.		
Type of sample:	EDTA		
Date sample was taken:	19-09-2022		

Name: **Themba**  
Stud book no.: **3214488**  
Chip no.: **528140000809225**  
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.

**Hemophilia B (Factor IX) - PCR**

Result: Genotype female X(N)/X(N), male X(N)/Y

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

Trait of inheritance: X chromosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Rhodesian Ridgeback

**Juvenile Myoclonic Epilepsy (JME)**

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for JME in the DIRAS1-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Rhodesian Ridgeback

**D-locus D1 (dilution)**

Result for d1: Genotype N/N (before D/D)

Interpretation: No d1-allele was found for this sample.

The overall genotype for the D-locus-complex can only be deduced if all known variants on the D-locus (d1, d2 and d3) are analysed. Some of these alleles only exist in specific breeds.

Please note: The nomenclature of the results has been changed due to harmonizing efforts for genetic tests.

**B-locus (brown, chocolate, liver(nose))**

This genetic analysis of the B-locus includes the three variants bd, bc and bs described for all breeds so far, as well as the corresponding wildtypes as allele N.

**Variant bd**

Result for bd: Genotype N/N (before B/B)

Interpretation: No bd-allele was found for this sample.

**Variant bc**

Result for bc: Genotype N/N (before B/B)

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Interpretation: No bc-allele was found for this sample.

**Variant bs**

Result for bs: Genotype N/N (before B/B)

Interpretation: No bs-allele was found for this sample.

When one of the variants is found homozygous, dark pigment (eumelanin) changes in colour accordingly. When several variants of the B-locus are found in heterozygous state, it is not possible to directly determine the influence on the eumelanin.

The overall genotype for the B-locus-complex can only be deduced if all known variants on the B-locus (bd, bc, bs, b4 and be) are analysed. Some of these alleles only exist in specific breeds.

Please note: The nomenclature of the results has been changed due to harmonizing efforts for genetic tests.

**Haemophilia A (factor VIII deficiency) - PCR**

Result: Genotype female X(N)/X(N), male X(N)/Y

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

Trait of inheritance: X chromosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Rhodesian Ridgeback

**Sampling:**

The following impartial person (veterinarian, breed warden, or similar) signed the form for the sampling and identity check of the animal:

**R.J.M. Segers**

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

sample ID: 2209-N-11020



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. N. Van Zon

\*\*\*\* LET OP! \*\*\*\*

Per 28-02-'22 is ons nieuwe adres:  
Industriestraat 29  
6433 JW Hoensbroek