

LABOKLIN

LABORATORY FOR CLINICAL DIAGNOSTICS

Test Result

Sample ID: 1706-W-23295
Result Date: 12/06/2017

UK Office
125 Northenden Road
Manchester
M33 3HF
Tel: 0161 282 30 66
Fax: 0161 973 3434
Email: Info@laboklin.co.uk
Website: www.laboklin.co.uk

Veterinary Surgeon

MS EMMA CHANDLEY
VETCARE LTD
1 CECIL AVENUE
SALE
GREATER MANCHESTER
M33 5BW

Animal Details

Animal:	CANINE	Microchip No.	981189900082598
Name	KRAKEN VON DER OSTEWIESE AT ROCKFORCE (KRAKA)	Tattoo No.	
Breed	GERMAN SHEPHERD DOG	KC Reg	AU0901229
Sex	MALE		
D.O.B	21/05/2016		

Sample

Sample Material EDTA BLOOD
Sample Date:

Test

Test Name: 8158D Degenerative Myelopathy (EXON 2)

Result

Genotype: N / DM (EXON 2) (Carrier)
Interpretation: The analysed dog is a carrier of the mutation in exon 2 of the SOD1-gene that has been suggested to be a major risk factor for the development of Degenerative Myelopathy.

The mutation will be passed on to the offspring with a probability of 50%.

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

The currently known mutation has been analysed.

The result is only valid for the submitted sample.

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DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory
Dept. Molecular Biology

***** END OF RESULT *****

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Test Result

Sample ID: 1706-W-81433
Original Sample ID: 1706-W-23295
Result Date: 22/06/2017

UK Office
125 Northenden Road
Manchester
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Sex	MALE		
D.O.B	21/05/2016		

Sample

Sample Material	EDTA BLOOD
Sample Date:	

Test

Test Name:	8142 Dwarfism (Pituitary Dwarfism / Hypopituitarism)
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Result

Genotype:	N/N (Clear)
Interpretation:	<p>The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for Dwarfism in the LHX3-gene.</p> <p>Trait of inheritance: autosomal-recessive</p> <p>Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: German Shepherd, Saarlooswolfdog, Czechoslovakian Wolfdog</p> <p>This result is only valid for the submitted sample material.</p>

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Animal Details

Animal:	CANINE	Microchip No.	981189900082598
Name	KRAKEN VON DER OSTEWIESE AT ROCKFORCE (KRAKA)	Tattoo No.	
Breed	GERMAN SHEPHERD DOG	KC Reg	AU0901229
Sex	MALE		
D.O.B	21/05/2016		

Sample

Sample Material: EDTA BLOOD
Sample Date:

Test

Test Name: 8032 MDR1 Gene Defect / Ivermectin Sensitivity

Result

Genotype: N/N (+/+) (Clear)
Interpretation: The analysed dog is a noncarrier of the mutation in the MDR1-gene that has been shown to cause hypersensitivity towards certain drugs such as ivermectin. The dog is clear of the ivermectin hypersensitivity caused by this mutation.

This mutation in the MDR1- gene was found in the following breeds: Collie, Shetland Sheepdog, Australian shepherd, German Shepherd, Old English Sheepdog, Bobtail, longhaired Whippet, Silken Windhound and American White Shepherd.

This result is only valid for the submitted sample material and the dog breeds mentioned above.

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Breed	GERMAN SHEPHERD DOG	KC Reg	AU0901229
Sex	MALE		
D.O.B	21/05/2016		

Sample

Sample Material: EDTA BLOOD
Sample Date:

Test

Test Name: 8069 MPS (MUCOPOLYSACCHARIDOSIS TYPE VII)

Result

Genotype: N/N (Clear)
Interpretation: The examined dog is homozygous for the wild type allele.

It does not carry the causative mutation for MPS type VII in the GUSB-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: German Shepherd

The current result is only valid for the sample submitted to our laboratory.

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***** END OF RESULT *****