

Sample ID: 2109-W-16849  
Report Date: 09/09/2021

**Veterinary Surgeon**

JEN SPIERS  
KINTRA VET  
20 SPORTSFIELD ROAD  
HAMILTON  
ML3 8RF  
  
kintravet@hotmail.com

**Owner**

BOZENA BIENKOWSKA  
FORESIDE FARM  
FERENZE ROAD  
GLASGOW  
G73 3AQ

**Animal Details**

|         |                 |               |
|---------|-----------------|---------------|
| Animal: | FELINE          | D.O.B         |
| Name    | BENTLEY/ ARAGON | Microchip No. |
| Breed   | MAINE COON      | KC Reg        |
| Sex     | MALE            | Tattoo No.    |

**Sample**

|                 |            |                  |            |
|-----------------|------------|------------------|------------|
| Sample Material | EDTA BLOOD | Sample received: | 01/09/2021 |
| Sample Date:    | 26/08/2021 |                  |            |

**Test**

|            |                                    |
|------------|------------------------------------|
| Test Name: | HCM (Hypertrophic cardiomyopathy ) |
|------------|------------------------------------|

**Result**

|                 |  |
|-----------------|--|
| Genotype:       | N/N (Genetically clear)  |
| Interpretation: | The examined animal is homozygous for the wild type allele. It does not carry the causative mutation for Hypertrophic Cardiomyopathy in the MYBPC3-gene (A31P).<br><br>Trait of inheritance: autosomal-dominant<br><br>Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Maine Coon and related breeds<br><br>The test result is only valid for the submitted sample. |

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

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UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF  
t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

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**Test**

|            |  |
|------------|--|
| Test Name: | 8015CGD PK Deficiency (Pyruvate Kinase Deficiency) |
|------------|--|

**Result**

|                 |   |
|-----------------|---|
| Genotype:       | N/ N (Genetically Clear)  |
| Interpretation: | The examined animal is homozygous for the wild type allele. It does not carry the causative mutation for Pyruvate Kinase Deficiency in the PKLR-gene.<br><br>Trait of inheritance: autosomal-recessive.<br><br>The result is only valid for the submitted sample. |

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

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| Sex     | MALE            | Tattoo No.    |

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**Test**

|            |   |
|------------|---|
| Test Name: | SMA (Spinal Muscular Atrophy) in Maine Coon |
|------------|---|

**Result**

|                 |  |
|-----------------|--|
| Genotype:       | N / N (Genetically Clear)  |
| Interpretation: | <p>The analyzed cat is a noncarrier of the mutation, that is suggested to cause Spinal Muscular Atrophy (SMA).</p> <p>Since it cannot pass the mutation onto its offspring it can be mated to any other cat.</p> <p>The currently known mutation has been analysed.</p> <p>This result is only valid for the submitted sample material and for the Maine Coon breed.</p> |

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

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Your cat's DNA will be stored for 5 years and will be available for further testing. If you wish to order further tests on this cat, you don't have to submit a new sample; simply write the above sample ID on the order form, or mark which test(s) you require from the list below and return together with the order form. You can also order by calling us on 0161 282 3066 and quoting the sample ID.

The following tests are available for *Maine Coon*:

- 8604 Cystinuria (Feline Cystinuria) (CY)
- 8900CGD Genetic Blood groups in cats
- 8473 Mucopolysaccharidosis type VII (MPS VII / MPS7)
- 8461 Myotonia Congenita (Fainting Goat)
- 618 Serological Evaluation of blood Groups (**EDTA Blood ONLY**)
- 8350 **Special Offer:** HCM, HCR, GSD4, PKD, PRA, PK-Def., SMA, Blood Groups
- 8080 HCM 1 (Hypertrophic cardiomyopathy ) Mutation Meurs (G-- > C) A31P
- 8015CGD PK Deficiency (Pyruvate Kinase Deficiency)
- 8118CGD SMA (Spinal Muscular Atrophy )
- 8718 **Maine Coon DNA bundle:** HCM1 + SMA + PK-Def

**Coat Colours**

- 8242 Coat Colour Albino
- 8099Cats Coat Colour Dilution
- 8257 Coat Colour: Chocolate and Cinnamon
- 8147Cats Coat Length
- 8090 Coat colour Variant Agouti (Tabby)
- 8258 Colourpoint Siamese and Burmese ( Siamese , Burmese and Mink )
- 8591 Dominant White / White Spotting
- 8280 **Feline Coat Colours OFFER:** Agouti + Burma + Chocolate + Cinnamon + Dilution + Siam

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

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