

Sample ID: 2302-W-13986  
Report Date: 08/03/2023

**Veterinary Surgeon**

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**Owner**

MS LEANNE FOX 155 DALTON LANE BARROW IN FURNESS CUMBRIA LA14 4QA  paulconnorzoe@aol.com
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**Animal Details**

<b>Animal:</b> FELINE	<b>D.O.B</b> 14/07/2021
<b>Name</b> WHITEFOX QUEEN OF KATTEGAT (KAT)	<b>Microchip No.</b>
<b>Breed</b> MAINE COON	<b>Reg</b> 1132246
<b>Sex</b> FEMALE	<b>Tattoo No.</b>

**Sample**

<b>Sample Material</b> SWAB	<b>Sample received:</b> 15/02/2023
<b>Sample Date:</b> 09/01/2023	

**Test**

<b>Test Name:</b> HCM (Hypertrophic cardiomyopathy )
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**Result**

<b>Genotype:</b>	N/N (Genetically Clear)
<b>Interpretation:</b>	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).  Trait of inheritance: autosomal-dominant  Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Maine Coon and related breeds  The test result is only valid for the submitted sample.

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

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**Animal Details**

<b>Animal:</b>	FELINE	<b>D.O.B</b>	14/07/2021
<b>Name</b>	WHITEFOX QUEEN OF KATTEGAT (KAT)	<b>Microchip No.</b>	
<b>Breed</b>	MAINE COON	<b>Reg</b>	1132246
<b>Sex</b>	FEMALE	<b>Tattoo No.</b>	

**Sample**

<b>Sample Material</b>	SWAB	<b>Sample received:</b>	15/02/2023
<b>Sample Date:</b>	09/01/2023		

**Test**

<b>Test Name:</b>	8015CGD PK Deficiency (Pyruvate Kinase Deficiency)
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**Result**

<b>Genotype:</b>	N/ N (Genetically Clear)
<b>Interpretation:</b>	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.  Trait of inheritance: autosomal-recessive.  The result is only valid for the submitted sample.

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

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**Animal Details**

<b>Animal:</b> FELINE	<b>D.O.B</b> 14/07/2021
<b>Name</b> WHITEFOX QUEEN OF KATTEGAT (KAT)	<b>Microchip No.</b>
<b>Breed</b> MAINE COON	<b>Reg</b> 1132246
<b>Sex</b> FEMALE	<b>Tattoo No.</b>

**Sample**

<b>Sample Material</b> SWAB	<b>Sample received:</b> 15/02/2023
<b>Sample Date:</b> 09/01/2023	

**Test**

<b>Test Name:</b> 8729 Factor XI Deficiency
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**Result**

<b>Genotype:</b> FXI / FXI (Genetically Affected)
<b>Interpretation:</b> The examined animal is homozygous for the associated variant for Factor XI deficiency in the FXI-gene.  Trait of inheritance: autosomal recessive  A correlation between the mutation and symptoms of the disease was found in the following breed: Maine Coon  The current result is only valid for the sample submitted to our laboratory.

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

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**Animal Details**

<b>Animal:</b> FELINE	<b>D.O.B</b> 14/07/2021
<b>Name</b> WHITEFOX QUEEN OF KATTEGAT (KAT)	<b>Microchip No.</b>
<b>Breed</b> MAINE COON	<b>Reg</b> 1132246
<b>Sex</b> FEMALE	<b>Tattoo No.</b>

**Sample**

<b>Sample Material</b> SWAB	<b>Sample received:</b> 15/02/2023
<b>Sample Date:</b> 09/01/2023	

**Test**

<b>Test Name:</b> 8900C Genetic Blood Groups in cats
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**Result**

<b>Genotype:</b> N / N
<b>Interpretation:</b> <p>The examined animal is homozygous for the N allele. It does not carry the causative genetic variant found in correlation with the serologic blood group B and AB (C) so far.</p> <p>The test detects the genetic variants of the alleles b and c.</p> <p>Allelic series: N&gt;c&gt;b</p> <p>Scientific studies found correlation between the allele c and the serologic blood group AB (C) exclusively for Ragdoll cats.</p> <p>The result is only guaranteed for the submitted sample.</p>

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

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**Animal Details**

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<b>Name</b> WHITEFOX QUEEN OF KATTEGAT (KAT)	<b>Microchip No.</b>
<b>Breed</b> MAINE COON	<b>Reg</b> 1132246
<b>Sex</b> FEMALE	<b>Tattoo No.</b>

**Sample**

<b>Sample Material</b> SWAB	<b>Sample received:</b> 15/02/2023
<b>Sample Date:</b> 09/01/2023	

**Test**

<b>Test Name:</b> SMA (Spinal Muscular Atrophy) in Maine Coon
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**Result**

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

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

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155 DALTON LANE  
BARROW IN FURNESS  
CUMBRIA  
LA14 4QA

paulconnorzoe@aol.com

Animal Details

Animal:	FELINE	D.O.B	14/07/2021
Name	WHITEFOX QUEEN OF KATTEGAT (KAT)	Microchip No.	
Breed	MAINE COON	Reg	1132246
Sex	FEMALE	Tattoo No.	

Sample

Sample Material	SWAB	Sample received:	15/02/2023
Sample Date:	09/01/2023		

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)
- 8729 Factor XI Deficiency (F11)
- 8900CGD Genetic Blood groups in cats
- 8080 HCM 1 (Hypertrophic cardiomyopathy ) Mutation Meurs (G-- > C) A31P
- 8776 MDR1 Gene Defect
- 8473 Mucopolysaccharidosis type VII (MPS VII / MPS7)
- 8461 Myotonia Congenita (Fainting Goat)
- 8015CGD PK Deficiency (Pyruvate Kinase Deficiency)
- 8118CGD SMA (Spinal Muscular Atrophy )
- 618 Serological Evaluation of blood Groups (**EDTA Blood ONLY**)
- 8350 **Special Offer:** HCM, HCR, GSD4, PKD, PRA, PK-Def., SMA, Blood Groups
- 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
- 8778 Tabby (Mackerel , Blotched ) Taqpep
- 8777 Ticked cat (Ticking)
- 8280 **Feline Coat Colours OFFER:** Agouti + Burma + Chocolate + Cinnamon + Dilution + Siam

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

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