Test Result

LABOKLIN
LABORATORY FOR CLINICAL DIAGNOSTICS

Sample ID: 2309-W-56052
Report Date: 30/09/2023
Our Ref: 8968

Veterinary Surgeon

Owner

Ms Leanne Fox
155 Dalton Lane
Barrow in Furness
Cumbria
LA14 4QA
United Kingdom

paulconnorzoe@aol.com

Animal Details

Animal:	Cat (Feline)	D.O.B	23/05/2019
Name	Shimmering Clematiscia(Clem)	Microchip No.	
Breed	Maine Coon	Registration	1073958
Sex	Female	Tattoo No.	

Sample

Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		

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). 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 **********

UK Office: LABOKLIN (UK) Unit 20, Wheel Forge Way, Trafford Park, Manchester, M17 1EH
t. 0161 282 3066 – e. Info@laboklin.co.uk - w. www.laboklin.co.uk

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Sample

Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		

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. Trait of inheritance: autosomal-recessive. The result is only valid for the submitted sample.

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

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Sample

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Sample Date:	17/09/2023		

Test

Test Name:	8729 Factor XI Deficiency

Result

Genotype:	N / N (Genetically Clear)
Interpretation:	The examined animal is homozygous for the wildtype-allele. It does not carry 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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Breed	Maine Coon	Registration	1073958
Sex	Female	Tattoo No.	

Sample

Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		

Test

Test Name:	8900C Genetic Blood Groups in cats

Result

Genotype:	N / N
Interpretation:	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. The test detects three genetic variants for the 'b' allele (268T>A, 179G>T, 1322delT) and one variant for the 'c' allele (364C>T). Allelic series: N>c>b The result is only guaranteed for the submitted sample.

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

Test Result

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Breed	Maine Coon	Registration	1073958
Sex	Female	Tattoo No.	

Sample

Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		

Test

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

Result

Genotype:	N / N (Genetically Clear)
Interpretation:	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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Breed	Maine Coon	Registration	1073958
Sex	Female	Tattoo No.	

Sample

Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		

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

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