

Sample ID: Report Date: Our Ref:	2309-W-56052 30/09/2023 8968		
Veterinary Surgeo	n	Owner	
		Ms Leanne Fox	
		155 Dalton Lane	2
		Barrow in Furne	ess
		Cumbria	
		LA14 4QA	
		United Kingdom	
			paulconnorzoe@aol.com
Animal Details			
	Feline)	D.O.B	23/05/2019
	ering Clematiscia(Clem)	Microchip No.	
Breed Maine	-	Registration	1073958
Sex Female	e	Tattoo No.	
Sample			
Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023	·	
Test			
Test Name:	HCM (Hypertrophic card	liomyopathy)	
Result			
Genotype:	N/N (Genetically Clear		
Interpretation:	The examined animal is		
	allele. It does not ca		
	Hypertrophic Cardiomyo	pathy in the MYBP	C3-gene (A31P).
	Trait of inheritance:	autosomal-domina	nt
	Scientific studies fou mutation and symptoms		
	breeds: Maine Coon and	related breeds	
	The test result is onl	y valid for the s	ubmitted sample.



Sample ID: Report Date: Our Ref:	2309-W-56052 30/09/2023 8968		
Veterinary Surgeon		Owner	
		Ms Leanne Fox 155 Dalton Lane Barrow in Furne Cumbria	
		LA14 4QA United Kingdom	
		Ţ	oaulconnorzoe@aol.com
Animal Details			
Animal: Cat (Fe	line) ing Clematiscia(Clem)	D.O.B Microchip No.	23/05/2019
Breed Maine C Sex Female		Registration Tattoo No.	1073958
Cox			
Sample	Swab	Comple as a bus du	19/09/2023
Sample Material Sample Date:	17/09/2023	Sample received:	19/09/2025
Test	2.,,00,2020		
Test Name:	8015CGD PK Deficiency	(Pyruvate Kinase I	Deficiency)
Result			
Genotype:	N/ N (Genetically Cle	ar)	
Interpretation:	The examined animal i		
	allele. It does not c Pyruvate Kinase Defic	-	
	Trait of inheritance	: autosomal-recessi	ive.
	The result is only va	lid for the submitt	ted sample.



Sample ID: Report Date: Our Ref:	2309-W-56052 30/09/2023 8968		
Veterinary Surgeo	n	Owner	
Veterinary Surgeo		Ms Leanne Fox	
		155 Dalton Lane	2
		Barrow in Furne	-
		Cumbria	
		LA14 4QA	
		United Kingdom	
		F	paulconnorzoe@aol.com
Animal Details			
Animal: Cat (1	Feline)	D.O.B	23/05/2019
Name Shimme	ering Clematiscia(Clem)	Microchip No.	
Breed Maine		Registration	1073958
Sex Female	9	Tattoo No.	
Sample			
Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		
Test			
Test Name:	8729 Factor XI Deficie	ency	
Result			
Genotype:	N / N (Genetically Cle		
Interpretation:	The examined animal is		
	allele. It does not ca	-	d variant for
	Factor XI deficiency i	In the FXI-gene.	
	Trait of inheritance:	autosomal recess:	ive
	A correlation betweer	n the mutation and	symptoms of the
	disease was found in	the following bree	ed: Maine Coon
	The current result is		e sample
	submitted to our labor	ratory.	



Sample ID:	2309-W-56052		
Report Date: Our Ref:	30/09/2023		
Our Rei:	8968		
Veterinary Surge	eon	Owner	
		Ms Leanne Fox	
		155 Dalton Lane	2
		Barrow in Furne	ess
		Cumbria	
		LA14 4QA	
		United Kingdom	
		ľ	paulconnorzoe@aol.com
Animal Details			
Animal: Cat	(Feline)	D.O.B	23/05/2019
Name Shim	mering Clematiscia(Clem)	Microchip No.	
Breed Main	e Coon	Registration	1073958
Sex Fema	le	Tattoo No.	
Sample			
Sample Material	Swab	Sample received:	19/09/2023
Sample Date:	17/09/2023		
Test			
Test Name:	8900C Genetic Blood Gr	coups in cats	
Result			
Genotype:	N / N		
Interpretation:	The examined animal is	s homozygous for th	ne N allele. It
	does not carry the cau	isative genetic var	riant found in
	correlation with the s	_	
	so far.	5	1
	The test detects three	-	
	allele (268T>A, 179G>T		ne variant for
	the `c' allele (364C>1	Ľ).	
	Allelic series: N>c>b		
	The result is only gua	aranteed for the su	ubmitted sample.



Sample ID: Report Date: Our Ref:	2309-W-56052 30/09/2023 8968		
Veterinary Surgeon		Owner	
		Ms Leanne Fox	
		155 Dalton Lane	
		Barrow in Furne	SS
		Cumbria	
		LA14 4QA	
		United Kingdom	
		p	aulconnorzoe@aol.com
Animal Details			
Animal: Cat (Fe	line)	D.O.B	23/05/2019
Name Shimmer	ing Clematiscia(Clem)	Microchip No.	
Breed Maine C	oon	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 At	.rophy) in Maine C	Coon
Result Genotype: Interpretation:	N / N (Genetically Clea The analyzed cat is a n		mutation that
	is suggested to cause S		
	Since it cannot pass th can be mated to any oth		ts offspring it
	The currently known mut	ation has been an	alysed.
	This result is only val material and for the Ma		ted sample



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eport Date:		30/09/2023		
ur Ref:		8968		
Veterinary S	uraeon		Owner	
votorinary et	argeen		Ms Leanne Fox	
			155 Dalton Lane	
				-
			Barrow in Furne	ess
			Cumbria	
			LA14 4QA	
			United Kingdom	
]	paulconnorzoe@aol.co
Animal Detai				
Animal: Ca	at (Fel	ine)	D.O.B	23/05/2019
Name Sh	nimmeri	ng Clematiscia(Clem)	Microchip No.	
Breed Ma	aine Cc	on	Registration	1073958
2.000	emale		Tattoo No.	
	0111020			
O • • • • • • •		~ 1		10/00/0000
Sample	rial	Swab	Sample received:	19/09/2023
Sample Mate			•••••••••••	
Sample Mate Sample Date Your cat's DNA w don't have to sub list below and retu The following test	vill be stored mit a new s urn togethe ts are availa	17/09/2023 I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order able for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY)	er testing. If you wish to order fu on the order form, or mark whic	h test(s) you require from the
Sample Mate Sample Date	2: iill be stored mit a new s urn together ts are availa 8604 8729 80900 8080 8776 84473 8461 8015CGD 8118CGD 618	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order ble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) M MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (er testing. If you wish to order fu on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P I / MPS7) cy) EDTA Blood ONLY)	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date	 iill be stored mit a new s urn together are availa a604 8729 8000CGD 8080 8776 84473 8461 8015CGD 8118CGD 618 8350 	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order ble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) M MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy)	er testing. If you wish to order fr on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P I / MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date Your cat's DNA w don't have to subilist below and retu The following test [] & [] & [] & [] & [] & [] & [] & [] &	 iill be stored mit a new s urn togethel are availa 604 8729 8900CGD 8080 8776 84473 8461 8015CGD 8118CGD 618 8350 8718 	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order oble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) M MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/	er testing. If you wish to order fr on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P I / MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date Your cat's DNA w don't have to subilist below and retu The following test [] & [] & [] & [] & [] & [] & [] & [] &	 iiii be stored mit a new s urn togethel s are availa 8604 8729 8900CGD 8080 8776 8441 8015CGD 8118CGD 818 8350 8718 Coat Colout 	I for 5 years and will be available for furth ample; simply write the above sample ID r with the order form. You can also order able for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) M MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/	er testing. If you wish to order fr on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P I / MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date Your cat's DNA w don't have to sub- list below and retu The following test [] & [] & [] & [] & [] & [] & [] & [] &	 iiiii be stored mit a new s urn togethei are availa 604 8729 8900CGD 8080 8776 8461 8015CGD 8118CGD 618 8350 8718 Coat Colou 8242 	I for 5 years and will be available for furth ample; simply write the above sample ID r with the order form. You can also order oble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) M MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/ rs Coat Colour Albino	er testing. If you wish to order fr on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P I / MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro	h test(s) you require from the and quoting the sample ID.
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Sample Mate Sample Date Your cat's DNA w don't have to sub- list below and retur The following test [] & [] & [] & [] & [] & [] & [] & [] &	 iiii be stored mit a new s urn togethei are availa 604 8729 8900CGD 8080 8776 8461 8015CGD 8118CGD 618 8350 8718 Coat Colou 8242 8099Cats 8257 8147Cats 8090 	I for 5 years and will be available for furth ample; simply write the above sample ID r with the order form. You can also order Oystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) N MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/ rs Coat Colour Albino Coat Colour Dilution Coat Colour: Chocolate and Cinnamon Coat Length Coat colour Variant Agouti (Tabby)	er testing. If you wish to order fu on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P // MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro A + PK-Def	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date Your cat's DNA w don't have to sub- list below and retu The following test [] & [] & [] & [] & [] & [] & [] & [] &	2: iill be stored mit a new s urn together ts are availa 8604 8729 8000 8776 8473 8461 8015CGD 8118CGD 618 8350 8718 Coat Colou 8242 8099Cats 8257 8147Cats 8090 8258	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order ble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) N MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/ <i>rs</i> Coat Colour Albino Coat Colour: Chocolate and Cinnamon Coat Length Coat colour Variant Agouti (Tabby) Colourpoint Siamese and Burmese (Siar	er testing. If you wish to order fu on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P // MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro A + PK-Def	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date Your cat's DNA w don't have to sub- list below and retur The following test I & I & I & I & I & I & I & I & I & I &	2: iill be stored mit a new s urn together ts are availa 8604 8729 8900CGD 8080 8776 8473 8461 8015CGD 8118CGD 618 8350 8718 Coat Colou 8242 8099Cats 8257 8147Cats 8090 8258 8591	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order ble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) N MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/ rs Coat Colour Albino Coat Colour: Chocolate and Cinnamon Coat Length Coat colour Variant Agouti (Tabby) Colourpoint Siamese and Burmese (Siar	er testing. If you wish to order fu on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P // MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro A + PK-Def	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date	2: iill be stored mit a new s urn together ts are availa 8604 8729 8000 8776 8473 8461 8015CGD 8118CGD 618 8350 8718 Coat Colou 8242 8099Cats 8257 8147Cats 8090 8258 8591 8778	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order ble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) N MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/ <i>rs</i> Coat Colour Dilution Coat Colour: Chocolate and Cinnamon Coat Length Coat colour Variant Agouti (Tabby) Colourpoint Siamese and Burmese (Siar Dominant White / White Spotting Tabby (Mackerel , Blotched) Taqpep	er testing. If you wish to order fu on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P // MPS7) cy) EDTA Blood ONL Y) PRA, PK-Def., SMA, Blood Gro A + PK-Def	h test(s) you require from the and quoting the sample ID.
Sample Mate Sample Date	2: iill be stored mit a new s urn together ts are availa 8604 8729 8000 8776 8473 8461 8015CGD 8118CGD 618 8350 8718 Coat Colou 8242 8099Cats 8257 8147Cats 8090 8258 8591 8777	I for 5 years and will be available for furth ample; simply write the above sample ID with the order form. You can also order ble for <i>Maine Coon:</i> Cystinuria (Feline Cystinuria) (CY) Factor XI Deficiency (F11) Genetic Blood groups in cats HCM 1 (Hypertrophic cardiomyopathy) N MDR1 Gene Defect Mucopolysaccharidosis type VII (MPS VI Myotonia Congenita (Fainting Goat) PK Deficiency (Pyruvate Kinase Deficien SMA (Spinal Muscular Atrophy) Serological Evaluation of blood Groups (Special Offer: HCM, HCR, GSD4, PKD, Maine Coon DNA bundle: HCM1 + SM/ rs Coat Colour Albino Coat Colour: Chocolate and Cinnamon Coat Length Coat colour Variant Agouti (Tabby) Colourpoint Siamese and Burmese (Siar	er testing. If you wish to order fu on the order form, or mark whic by calling us on <i>0161 282 3066</i> //utation Meurs (G > C) A31P I / MPS7) cy) EDTA Blood ONLY) PRA, PK-Def., SMA, Blood Gro A + PK-Def mese , Burmese and Mink)	 the test(s) you require from the and quoting the sample ID. and quoting the sample ID. and quoting the sample ID.