UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Provided Information:	***Case:*** **CAT145119**
Name: **SIR MARLIN**	***Date Received:*** 02-May-2023
Registration:	***Report Issue Date:*** 05-May-2023
	Report ID: 1240-3304-0339-0111
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **06/05/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Color:* **ns 22 silver**

SMA Result

N/N

Interpretation

N/N	No copies of SMA are present.
N/S	1 copy of SMA is present. Cat is normal but is a carrier. Breedings between carriers will be expected to produce 25% affected, 50% carriers and 25% normal kittens.
S/S	2 copies of SMA are present, cat is affected.

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Client/Owner/Agent Information:	*Case:* **CAT145119**
ROBIN CHATMAS	***Date Received:*** 02-May-2023
1557 SHEPARDS LANE	***Report Issue Date:*** 05-May-2023
GLENWOOD SPRINGS, CO 81601	***Report ID:*** 1240-3304-0339-0111
	Verify report at www.vgl.ucdavis.edu/verify

Name: **SIR MARLIN**

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on SMA test results, please visit our website at:
www.vgl.ucdavis.edu/services/cat/SMA.php

The SMA test is specific for the mutation associated with SMA in Maine Coon cats and outcrosses.

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

Provided Information:	***Case:*** **CAT145119**
Name: **SIR MARLIN**	***Date Received:*** 02-May-2023
Registration:	***Report Issue Date:*** 05-May-2023
	Report ID: 2675-1483-0202-4024
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **06/05/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Color:* **ns 22 silver**

Maine Coon HCM Result

N/N

Interpretation

N/N	Normal.
N/HCMmc	One copy of the A31P mutation is present. Cat is 1.8 times more likely to develop HCM than cats without the mutation.
HCMmc/HCMmc	Two copies of the A31P mutation are present. Cat is 18 times more likely to develop HCM than cats without the mutation.

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MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT145119**
ROBIN CHATMAS	***Date Received:*** 02-May-2023
1557 SHEPARDS LANE	***Report Issue Date:*** 05-May-2023
GLENWOOD SPRINGS, CO 81601	***Report ID:*** 2675-1483-0202-4024
	Verify report at www.vgl.ucdavis.edu/verify

Name: **SIR MARLIN**

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Maine Coon HCM test results, please visit our website at:
www.vgl.ucdavis.edu/services/cat/MaineCoonHCM.php

The MHCM test only detects the A31P mutation associated with HCM in Maine Coon cats and outcrosses as described by Meurs et al. 2005. The A31P mutation is not the sole cause of HCM in Maine Coons. The other causes are not known at this time.

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director