UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PKD1 AND PERSIAN DERIVED PRA TEST REPORT

Provided Information:	***Case:*** **CAT143407**
Name: **RAYDUSOLEIL SARAH OF MINOOS**	***Date Received:*** 12-Jan-2023
Registration: **MC012XXX2-115423**	***Report Issue Date:*** 17-Jan-2023
	Report ID: 0105-3154-0226-9188
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **01/16/2022** *Sex:* **Female** *Breed:* **Maine Coon** *Microchip:* **985141004407832** *Color:* **BlackTortoiseshell**

Sire: RIPPLE SPOD WAWELU	*Dam:* MUSE COONS SAMANTHA OF RAYDUSOLEIL
Reg: SBT 031218 065	*Reg:* SBT 082219 074
Microchip:	*Microchip:*

RESULT		INTERPRETATION
PKD1	**N/N**	Normal - Does not possess the disease-causing PKD1 gene.
PRA-pd		Not Requested

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PKD1 AND PERSIAN DERIVED PRA TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT143407**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 12-Jan-2023 ***Report Issue Date:*** 17-Jan-2023 ***Report ID:*** 0105-3154-0226-9188 Verify report at www.vgl.ucdavis.edu/verify

Name: **RAYDUSOLEIL SARAH OF MINOOS**

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 PKD1 and PRA-pd test results, please visit our website at:
www.vgl.ucdavis.edu/services/pkd1.php
www.vgl.ucdavis.edu/services/cat/PRApd.php

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

DNA ANALYSIS CERTIFICATE

RAYDUSOLEIL SARAH OF MINOOS

Breed: Maine Coon
Sex: Female
Color: BlackTortoiseshell
DOB: 01/16/2022
Reg: MC012XXX2-115423
Alt. ID: 985141004407832

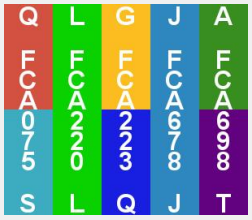
Case: CAT143407
Print Date: January 17, 2023
Report ID: 0105-3154-0226-9188

PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel



Veterinary Genetics Laboratory
One Shields Avenue, Davis, CA 95616
530-752-2211
www.vgl.ucdavis.edu

GREG STAPLES
1014 SNIDER'S BAY ROAD
GRAVENHURST ONTARIO P1P 1R2
CANADA

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Provided Information:	***Case:*** **CAT143407**
Name: **RAYDUSOLEIL SARAH OF MINOOS**	***Date Received:*** 12-Jan-2023
Registration: **MC012XXX2-115423**	***Report Issue Date:*** 17-Jan-2023
	Report ID: 8499-2683-6492-2040
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **01/16/2022** *Sex:* **Female** *Breed:* **Maine Coon** *Microchip:* **985141004407832** *Color:* **BlackTortoiseshell**

Sire: RIPPLE SPOD WAWELU	*Dam:* MUSE COONS SAMANTHA OF RAYDUSOLEIL
Reg: SBT 031218 065	*Reg:* SBT 082219 074
Microchip:	*Microchip:*

PYRUVATE KINASE DEFICIENCY RESULT

N/K

Interpretation

N/N	No copies of PK deficiency, cat is normal
N/K	1 copy of PK deficiency, cat is normal but is a carrier
K/K	2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted*

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT143407**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 12-Jan-2023 ***Report Issue Date:*** 17-Jan-2023 ***Report ID:*** 8499-2683-6492-2040 Verify report at www.vgl.ucdavis.edu/verify

Name: **RAYDUSOLEIL SARAH OF MINOOS**

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 PK Deficiency test results, please visit our website at:
www.vgl.ucdavis.edu/services/pkdeficiency.php

Erythrocyte Pyruvate Kinase Deficiency (PK deficiency) is an inherited, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation.

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

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

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

Provided Information:	***Case:*** **CAT143407**
Name: **RAYDUSOLEIL SARAH OF MINOOS**	***Date Received:*** 12-Jan-2023
Registration: **MC012XXX2-115423**	***Report Issue Date:*** 17-Jan-2023
	Report ID: 2740-9028-3369-5160
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **01/16/2022** *Sex:* **Female** *Breed:* **Maine Coon** *Microchip:* **985141004407832** *Color:* **BlackTortoiseshell**

Sire: RIPPLE SPOD WAWELU	*Dam:* MUSE COONS SAMANTHA OF RAYDUSOLEIL
Reg: SBT 031218 065	*Reg:* SBT 082219 074
Microchip:	*Microchip:*

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.

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT143407**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 12-Jan-2023 ***Report Issue Date:*** 17-Jan-2023 ***Report ID:*** 2740-9028-3369-5160 Verify report at www.vgl.ucdavis.edu/verify

Name: **RAYDUSOLEIL SARAH OF MINOOS**

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

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Provided Information:	***Case:*** **CAT143407**
Name: **RAYDUSOLEIL SARAH OF MINOOS**	***Date Received:*** 12-Jan-2023
Registration: **MC012XXX2-115423**	***Report Issue Date:*** 17-Jan-2023
	Report ID: 2066-7306-7622-3080
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **01/16/2022** *Sex:* **Female** *Breed:* **Maine Coon** *Microchip:* **985141004407832** *Color:* **BlackTortoiseshell**

Sire: RIPPLE SPOD WAWELU	*Dam:* MUSE COONS SAMANTHA OF RAYDUSOLEIL
Reg: SBT 031218 065	*Reg:* SBT 082219 074
Microchip:	*Microchip:*

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.

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT143407**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 12-Jan-2023 ***Report Issue Date:*** 17-Jan-2023 ***Report ID:*** 2066-7306-7622-3080 Verify report at www.vgl.ucdavis.edu/verify

Name: **RAYDUSOLEIL SARAH OF MINOOS**

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

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

BLOOD GROUP TEST REPORT

Provided Information:	***Case:*** **CAT143407**
Name: **RAYDUSOLEIL SARAH OF MINOOS**	***Date Received:*** 12-Jan-2023
Registration: **MC012XXX2-115423**	***Report Issue Date:*** 17-Jan-2023
	Report ID: 9002-1845-4524-4199
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **01/16/2022** *Sex:* **Female** *Breed:* **Maine Coon** *Microchip:* **985141004407832** *Color:* **BlackTortoiseshell**

Sire: RIPPLE SPOD WAWELU	*Dam:* MUSE COONS SAMANTHA OF RAYDUSOLEIL
Reg: SBT 031218 065	*Reg:* SBT 082219 074
Microchip:	*Microchip:*

BLOOD GROUP RESULT

N/N

Interpretation

N/N	Cat is Type A or Type AB
N/b	Cat is a carrier of B factor; serotype could be Type A or Type AB
b/b	Cat is Type B
N/c	Cat is a carrier of AB factor; serotype could be Type A or Type AB
c/c	Cat is type AB
c/b	Cat is type AB; Carrier of B factor

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

BLOOD GROUP TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT143407**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 12-Jan-2023 ***Report Issue Date:*** 17-Jan-2023 ***Report ID:*** 9002-1845-4524-4199 Verify report at www.vgl.ucdavis.edu/verify

Name: **RAYDUSOLEIL SARAH OF MINOOS**

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 Cat Blood Group test results, please visit our website at:
www.vgl.ucdavis.edu/services/abblood.php

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

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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