UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PKD1 AND PERSIAN DERIVED PRA TEST REPORT

Provided Information:		*Case:*	**CAT145889**
Name:	**OKINANEKO TY COON**	***Date Received:***	23-Jun-2023
Registration:	**MCO07EXX1-116056**	***Report Issue Date:***	14-Jul-2023
		Report ID:	6448-3613-2287-6146

Verify report at www.vgl.ucdavis.edu/verify

DOB: **09/24/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **939000007391375** *Color:* **Red Classic Tabby**

Sire: MINOOS BIG DEAL	*Dam:* OKINANEKO TIFFANY LA ROUGE
Reg: MCO25EMX1-111109	*Reg:* MCO07EXX2-52365
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:* **CAT145889**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 23-Jun-2023 ***Report Issue Date:*** 14-Jul-2023 ***Report ID:*** 6448-3613-2287-6146 Verify report at www.vgl.ucdavis.edu/verify

Name: **OKINANEKO TY COON**

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

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

DNA ANALYSIS CERTIFICATE

OKINANEKO TY COON

Breed: Maine Coon
Sex: Male
Color: Red Classic Tabby
DOB: 09/24/2022
Reg: MCO07EXX1-116056
Alt. ID: 939000007391375

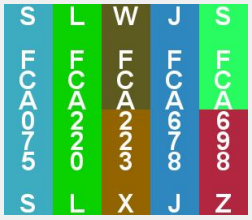
Case: CAT145889
Print Date: July 14, 2023
Report ID: 6448-3613-2287-6146

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:*** **CAT145889**
Name: **OKINANEKO TY COON**	***Date Received:*** 23-Jun-2023
Registration: **MCO07EXX1-116056**	***Report Issue Date:*** 27-Jun-2023
	Report ID: 1425-4131-8139-2035
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **09/24/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **939000007391375** *Color:* **Red Classic Tabby**

Sire: MINOOS BIG DEAL	*Dam:* OKINANEKO TIFFANY LA ROUGE
Reg: MCO25EMX1-111109	*Reg:* MCO07EXX2-52365
Microchip:	*Microchip:*

PYRUVATE KINASE DEFICIENCY RESULT

N/N

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:* **CAT145889**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 23-Jun-2023 ***Report Issue Date:*** 27-Jun-2023 ***Report ID:*** 1425-4131-8139-2035 Verify report at www.vgl.ucdavis.edu/verify

Name: **OKINANEKO TY COON**

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:*** **CAT145889**
Name: **OKINANEKO TY COON**	***Date Received:*** 23-Jun-2023
Registration: **MCO07EXX1-116056**	***Report Issue Date:*** 14-Jul-2023
	Report ID: 9671-9313-8186-6199
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **09/24/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **939000007391375** *Color:* **Red Classic Tabby**

Sire: MINOOS BIG DEAL	*Dam:* OKINANEKO TIFFANY LA ROUGE
Reg: MCO25EMX1-111109	*Reg:* MCO07EXX2-52365
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:* **CAT145889**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 23-Jun-2023 ***Report Issue Date:*** 14-Jul-2023 ***Report ID:*** 9671-9313-8186-6199 Verify report at www.vgl.ucdavis.edu/verify
Name: **OKINANEKO TY COON**	

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:*** **CAT145889**
Name: **OKINANEKO TY COON**	***Date Received:*** 23-Jun-2023
Registration: **MCO07EXX1-116056**	***Report Issue Date:*** 14-Jul-2023
	Report ID: 2413-0106-4380-6168
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **09/24/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **939000007391375** *Color:* **Red Classic Tabby**

Sire: MINOOS BIG DEAL	*Dam:* OKINANEKO TIFFANY LA ROUGE
Reg: MCO25EMX1-111109	*Reg:* MCO07EXX2-52365
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:* **CAT145889**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 23-Jun-2023 ***Report Issue Date:*** 14-Jul-2023 ***Report ID:*** 2413-0106-4380-6168 Verify report at www.vgl.ucdavis.edu/verify

Name: **OKINANEKO TY COON**

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:*** **CAT145889**
Name: **OKINANEKO TY COON**	***Date Received:*** 23-Jun-2023
Registration: **MCO07EXX1-116056**	***Report Issue Date:*** 14-Jul-2023
	Report ID: 8561-1607-5500-4006
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **09/24/2022** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **939000007391375** *Color:* **Red Classic Tabby**

Sire: MINOOS BIG DEAL	*Dam:* OKINANEKO TIFFANY LA ROUGE
Reg: MCO25EMX1-111109	*Reg:* MCO07EXX2-52365
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:* **CAT145889**
GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	***Date Received:*** 23-Jun-2023 ***Report Issue Date:*** 14-Jul-2023 ***Report ID:*** 8561-1607-5500-4006 Verify report at www.vgl.ucdavis.edu/verify
Name: **OKINANEKO TY COON**	

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

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