UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Provided Information:	***Case:*** **CAT146160**
Name: **MX*QUERETAKUN THERION**	***Date Received:*** 19-Jul-2023
Registration: **SBT 052221 106**	***Report Issue Date:*** 24-Jul-2023
	Report ID: 3377-4696-6160-4191
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **05/22/2021** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **900215002373364** *Color:* **BLACK MACKEREL TABBY**

Sire: IT*CLABACOON'S EINSTEIN E=MC2	*Dam:* DGC CLABACOON'S BELLA ITALIA/ID
Reg:	*Reg:*
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
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PK DEFICIENCY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT146160**
IVONNE HERNANDEZ SAN MARCOS 67 CORREGIDORA, QUERETARO, 76912 MEXICO	***Date Received:*** 19-Jul-2023 ***Report Issue Date:*** 24-Jul-2023 ***Report ID:*** 3377-4696-6160-4191 Verify report at www.vgl.ucdavis.edu/verify

Name: **MX*QUERETAKUN THERION**

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 SPINAL MUSCULAR ATROPHY TEST REPORT

Provided Information:	***Case:*** **CAT146160**
Name: **MX*QUERETAKUN THERION**	***Date Received:*** 19-Jul-2023
Registration: **SBT 052221 106**	***Report Issue Date:*** 24-Jul-2023
	Report ID: 1631-2283-4100-7173
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **05/22/2021** *Sex:* **Male** *Breed:* **Maine Coon** *Microchip:* **900215002373364** *Color:* **BLACK MACKEREL TABBY**

Sire: IT*CLABACOON'S EINSTEIN E=MC2	*Dam:* DGC CLABACOON'S BELLA ITALIA/ID
Reg:	*Reg:*
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:* **CAT146160**
IVONNE HERNANDEZ SAN MARCOS 67 CORREGIDORA, QUERETARO, 76912 MEXICO	***Date Received:*** 19-Jul-2023 ***Report Issue Date:*** 24-Jul-2023 ***Report ID:*** 1631-2283-4100-7173 Verify report at www.vgl.ucdavis.edu/verify
Name: **MX*QUERETAKUN THERION**	

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