UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Provided Information:	***Case:*** **CAT145287**
Name: **JEWELS**	***Date Received:*** 15-May-2023
Registration:	***Report Issue Date:*** 17-May-2023
	Report ID: 3135-7759-6807-3011
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **04/18/2023** *Sex:* **Female** *Breed:* **Maine Coon** *Color:* **Blue Tortie**

Sire: SIRE AMOS	*Dam:* QUEEN FAITH
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.

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MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT145287**
ROBIN CHATMAS	***Date Received:*** 15-May-2023
1557 SHEPARDS LANE	***Report Issue Date:*** 17-May-2023
GLENWOOD SPRINGS, CO 81601	***Report ID:*** 3135-7759-6807-3011
	Verify report at www.vgl.ucdavis.edu/verify

Name: **JEWELS**

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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Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Provided Information:	***Case:*** **CAT145287**
Name: **JEWELS**	***Date Received:*** 15-May-2023
Registration:	***Report Issue Date:*** 17-May-2023
	Report ID: 5644-4981-6590-9051
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **04/18/2023** *Sex:* **Female** *Breed:* **Maine Coon** *Color:* **Blue Tortie**

Sire: SIRE AMOS	*Dam:* QUEEN FAITH
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*

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PK DEFICIENCY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT145287**
ROBIN CHATMAS	***Date Received:*** 15-May-2023
1557 SHEPARDS LANE	***Report Issue Date:*** 17-May-2023
GLENWOOD SPRINGS, CO 81601	***Report ID:*** 5644-4981-6590-9051
	Verify report at www.vgl.ucdavis.edu/verify

Name: **JEWELS**

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

PKD1 AND PERSIAN DERIVED PRA TEST REPORT

Provided Information:	***Case:*** **CAT145287**
Name: **JEWELS**	***Date Received:*** 15-May-2023
Registration:	***Report Issue Date:*** 17-May-2023
	Report ID: 6893-1823-5946-0184
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **04/18/2023** *Sex:* **Female** *Breed:* **Maine Coon** *Color:* **Blue Tortie**

Sire: SIRE AMOS	*Dam:* QUEEN FAITH
Reg:	*Reg:*
Microchip:	*Microchip:*

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

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PKD1 AND PERSIAN DERIVED PRA TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT145287**
ROBIN CHATMAS	***Date Received:*** 15-May-2023
1557 SHEPARDS LANE	***Report Issue Date:*** 17-May-2023
GLENWOOD SPRINGS, CO 81601	***Report ID:*** 6893-1823-5946-0184
	Verify report at www.vgl.ucdavis.edu/verify

Name: **JEWELS**

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

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

DNA ANALYSIS CERTIFICATE

JEWELS

Breed: Maine Coon
Sex: Female
Color: Blue Tortie
DOB: 04/18/2023
Reg:
Alt. ID:

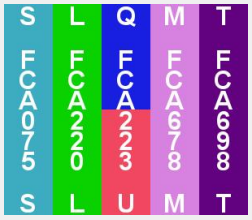
Case: CAT145287
Print Date: May 17, 2023
Report ID: 6893-1823-5946-0184

PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel



Veterinary Genetics Laboratory
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ROBIN CHATMAS
1557 SHEPARDS LANE
GLENWOOD SPRINGS, CO 81601