UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

FELINE PARENTAGE AND GENETIC MARKER TEST REPORT

Provided Information:	***Case:*** **CAT145680**
Name: **LUCYS BROWN LH FEMALE**	***Date Received:*** 09-Jun-2023
Registration:	***Report Issue Date:*** 20-Jun-2023
	Report ID: 1251-1597-8042-1053
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **03/31/2023** *Sex:* **Female** *Breed:* **Bengal** *Color:* **brown**

Sire: MAGNUM (MAGNIFICENT)	*Dam:* SIERRASLOVE LUCY
Reg:	*Reg:*
Microchip:	*Microchip:*

RESULTS AND INTERPRETATION

Lucys Brown lh female qualifies as an offspring of Magnum (magnificent) without consideration of the dam.

GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
FCA005	O	*FCA026*	L	*FCA069*	NO
FCA075	PR	*FCA097*	L	*FCA105*	ST
FCA149	J	*FCA201*	LM	*FCA220*	L
FCA224	J	*FCA229*	IN	*FCA293*	N
FCA310	NS	*FCA441*	JK	*FCA453*	NR
FCA649	H	*FCA678*	MN		

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LAURA RUSSELL-RICHERZHAGEN	***Date Received:*** 09-Jun-2023
663 GANDY'S COVE ROAD	***Report Issue Date:*** 20-Jun-2023
FALKVILLE, AL 35622	***Report ID:*** 1251-1597-8042-1053
	Verify report at www.vgl.ucdavis.edu/verify

Name: **LUCYS BROWN LH FEMALE**

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.

The Veterinary Genetics Laboratory is an institutional member of ISAG. DNA types are reported according to standardized nomenclature for markers in the ISAG panel.

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

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Provided Information:	***Case:*** **CAT145680**
Name: **LUCYS BROWN LH FEMALE**	***Date Received:*** 09-Jun-2023
Registration:	***Report Issue Date:*** 20-Jun-2023
	Report ID: 3249-2299-3662-9037
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **03/31/2023** *Sex:* **Female** *Breed:* **Bengal** *Color:* **brown**

Sire: MAGNUM (MAGNIFICENT)	*Dam:* SIERRASLOVE LUCY
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

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

Name: **LUCYS BROWN LH FEMALE**

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

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Report authorized by Dr. Rebecca Bellone, VGL Director

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UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

BENGAL COAT COLOR TEST REPORT

Provided Information:	***Case:*** **CAT145680**
Name: **LUCYS BROWN LH FEMALE**	***Date Received:*** 09-Jun-2023
Registration:	***Report Issue Date:*** 20-Jun-2023
	Report ID: 4922-6805-3992-1162
	Verify report at www.vgl.ucdavis.edu/verify

DOB: **03/31/2023** *Sex:* **Female** *Breed:* **Bengal** *Color:* **brown**

Sire: MAGNUM (MAGNIFICENT)	*Dam:* SIERRASLOVE LUCY
Reg:	*Reg:*
Microchip:	*Microchip:*

RESULT		INTERPRETATION
AGOUTI/CHARCOAL	**A/A**	No copies of ALC Agouti gene are present. Cannot have charcoal offspring.
ALBINO		Not requested.
AMBER	**E/E**	No copies of the mutation for Amber.
BROWN	**B/B**	Full color, cat does not carry brown or cinnamon.
COLORPOINT	**C/C**	Full color, cat does not carry Burmese (sepia) or Siamese alleles.
DILUTE	**D/D**	Full color. Cat does not have the dilute allele.
DOMINANT WHITE & WHITE SPOTTING		Not requested.

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BENGAL COAT COLOR TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT145680**
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663 GANDY'S COVE ROAD	***Report Issue Date:*** 20-Jun-2023
FALKVILLE, AL 35622	***Report ID:*** 4922-6805-3992-1162
	Verify report at www.vgl.ucdavis.edu/verify

Name: **LUCYS BROWN LH FEMALE**

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 Coat Color test results, please visit our website at:
www.vgl.ucdavis.edu/services/coatcolorcat.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

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