



VETERINARY GENETICS LABORATORY
 SCHOOL OF VETERINARY MEDICINE
 ONE SHIELDS AVENUE
 DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
 FAX: (530) 752-3556

CONGENITAL MYASTHENIC SYNDROME (CMS) TEST REPORT

<p>MICHELLE PIATT [REDACTED] [REDACTED]</p>	<p>Case: CAT89090 Date Received: 29-Sep-2016 Print Date: 16-Nov-2017 Report ID: 6548-6190-8244-5168 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html</p>
<p>Cat: TX-ELFKATZ ELFIS PRESLEY <i>Reg:</i> DOB: 12/22/2015 Sex: Male Breed: Devon Rex Color: Black & White</p>	
<p>Sire: <i>Reg:</i> Dam: TX-ELFKATZ PUMPKIN SPICE <i>Reg:</i></p>	

CMS RESULT

N/N

Result Codes:

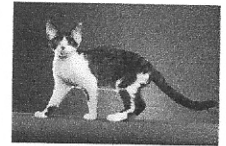
- N/N No copies of the CMS mutation, cat is normal.
- N/CMS 1 Copy of the CMS mutation, cat is normal but is a carrier.
- CMS/CMS 2 copies of the CMS mutation, cat is or will be affected.

For more detailed information on CMS results, please go to:
www.vgl.ucdavis.edu/services/cat/DevonRexSphynxCMS.php



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PKD1 AND PERSIAN DERIVED PRA REPORT

MICHELLE PIATT [REDACTED] [REDACTED]	Case: CAT89090 Date Received: 29-Sep-2016 Print Date: 16-Nov-2017 Report ID: 8143-9027-8450-5086 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: TX-ELFKATZ ELFIS PRESLEY <i>Reg:</i> DOB: 12/22/2015 Sex: Male Breed: Devon Rex Color: Black & White	
Sire: <i>Reg:</i> Dam: TX-ELFKATZ PUMPKIN SPICE <i>Reg:</i>	

PKD1 Result	PRA-pd Result
N/N	Not Requested

PKD1 Result Codes:

- N/P Affected - 1 copy of the PKD1 gene, cat has or will develop PKD. Severity of symptoms cannot be predicted*
- N/N Normal - Does not possess the disease-causing PKD1 gene.

The disease is inherited as an autosomal dominant trait, which means that a heterozygote (N/P) bred to a normal (N/N) will result in approximately half of the offspring being affected and half being normal. There are no observed homozygous affected (P/P), which suggests that the mutation is embryonic lethal.

*If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

PRA-pd Result Codes:

- N/N N/N - Normal - no copies of the PRA-pd mutation.
- N/PRApd Carrier - 1 copy of the PRA-pd mutation; vision appears normal. Breeding between carriers is expected to produce 25% affected kittens.
- PRApd/PRApd Affected - 2 copies of the PRA-pd mutation; cat will go blind.

For more information on PKD1 and PRA_{pd} test results, please go to:
www.vgl.ucdavis.edu/services/pckd1.php
www.vgl.ucdavis.edu/services/cat/PRApd.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	RS	FCA220	L
FCA223	HQ	FCA678	JM
FCA698	Ta		

DNA ANALYSIS CERTIFICATE

TX-ELFKATZ ELFIS PRESLEY



Case: CAT89090
Print Date: November 16, 2017
Report ID: 8143-9027-8450-5086

Breed: Devon Rex
Sex: Male
Color: Black & White
DOB: 12/22/2015
Reg:
Alt. ID:

PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel

R	FC A 0 7 5	S	L	Q	M	a
L	FC A 2 2 0	S	L	Q	M	a
L	FC A 2 2 3	S	L	Q	M	a
H	FC A 6 7 8	S	L	Q	M	a
J	FC A 6 9 8	S	L	Q	M	a
T	FC A 6 9 8	S	L	Q	M	a



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MICHELLE PIATT
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BLOOD GROUP AND IDENTITY MARKER REPORT

<p>MICHELLE PIATT [REDACTED] [REDACTED]</p>	<p>Case: CAT89090 Date Received: 29-Sep-2016 Print Date: 20-Jul-2017 Report ID: 1053-7372-7915-6151 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html</p>
<p>Cat: TX-ELFKATZ ELFIS PRESLEY Reg: DOB: 12/22/2015 Sex: Male Breed: Devon Rex Color: Black & White</p>	
<p>Sire: RAYA'S BLACK JACK Reg: Dam: TX-ELFKATZ PUMPKIN SPICE Reg:</p>	

BLOOD GROUP RESULT

b/b

Result Codes:

- 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

For more detailed information on Cat Blood Group results, please go to:
www.vgl.ucdavis.edu/services/abblood.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	RS	FCA220	L
FCA223	HQ	FCA678	JM
FCA698	Ta		



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CAT LONG HAIR REPORT

MICHELLE PIATT [REDACTED] [REDACTED]	Case: CAT89090 Date Received: 29-Sep-2016 Print Date: 30-Sep-2016 Report ID: 4628-8018-8002-9124 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: TX-ELFKATZ ELFIS PRESLEY <i>Reg:</i> DOB: 12/22/2015 Sex: Male Breed: Devon Rex Color: Black & White	
Sire: RAYA'S BLACK JACK <i>Reg:</i> Dam: TX-ELFKATZ PUMPKIN SPICE <i>Reg:</i>	

Genotype

N/M4

Result Codes:

N/N:

Cat has short hair. None of the 4 long hair mutations detected. Cat cannot produce long-haired kittens.

N/M1, N/M2, N/M3 or N/M4:

Cat has short hair and carries one copy of a long hair mutation. Cat can produce short and long-haired kittens depending on genotype of the mate.

M1/M1, M2/M2, M3/M3 or M4/M4:

Cat has long hair and will produce only long-haired kittens when bred to a long-haired mate.

M1/M2, M1/M3, M1/M4, M2/M3, M2/M4 or M3/M4:

Cat has long hair and carries two different long hair mutations (compound heterozygote). Cat will produce only long-haired kittens when bred to other long-haired cats.



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COAT COLOR TEST RESULTS

MICHELLE PIATT [REDACTED] [REDACTED]	Case: CAT89090 Date Received: 29-Sep-2016 Print Date: 20-Jul-2017 Report ID: 0961-4643-5969-2040 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: TX-ELFKATZ ELFIS PRESLEY Reg: DOB: 12/22/2015 Sex: Male Breed: Devon Rex Color: Black & White	
Sire: RAYA'S BLACK JACK Reg: Dam: TX-ELFKATZ PUMPKIN SPICE Reg:	

AGOUTI	a/a	Non-agouti. If bred to a non-agouti, only non-agouti offspring will be produced.
ALBINO		Not requested.
AMBER	E/E	No copies of the mutation for Amber.
BROWN	B/b	Full color, carrier of brown.
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.

For more detailed information on Cat Coat Color results, please go to:
www.vgl.ucdavis.edu/services/coatcolorcat.php

For more information on Dominant White and White Spotting results, please go to:
www.vgl.ucdavis.edu/services/cat/DominantWhite.php

For more information on Russet results, please go to:
www.vgl.ucdavis.edu/services/cat/BurmeseRusset.php