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





CONGENITAL MYASTHENIC SYNDROME (CMS) TEST REPORT

MICHELLE PIATT

Case:

CAT96811

Date Received:

11-Jul-2017

Print Date:

16-Nov-2017

Report ID:

6734-6537-4549-1180

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

Reg: SBT 051316 002

Cat: TX-ELFKATZ BABY BLUE

DOB: 05/13/2016 Sex: Female Breed: Devon Rex Color: Blue

CMS RESULT

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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SANTA BARBARA . SANTA CRUZ

PKD1 AND PERSIAN DERIVED PRA REPORT

MICHELLE PIATT

Case:

CAT96811

Date Received:

11-Jul-2017

Print Date:

16-Nov-2017

Report ID:

2415-5970-2263-4080

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

Cat: TX-ELFKATZ BABY BLUE

Reg: SBT 051316 002

DOB: 05/13/2016 Sex: Female Breed: Devon Rex Color: Blue

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		
FCA075	RS		
FCA223	HU		
FCA698	Ta		

LOCUS FCA220	TYPE	
	L	
FCA678	MN	

DNA ANALYSIS CERTIFICATE

TX-ELFKATZ BABY BLUE

Breed: Devon Rex

Sex: Female

Color: Blue

DOB: 05/13/2016

Reg: SBT 051316 002

THE DE

Case: CAT96811

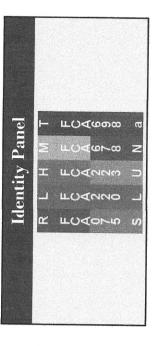
Print Date: November 16, 2017

Report ID: 2415-5970-2263-4080



Z

Does not possess the disease-causing PKD1 gene.





Veterinary Genetics Laboratory

One Shields Avenue, Davis, CA 95616 \$\ \$30-752-2211\$

www.vgl.ucdavis.edu

MICHELLE PIATT

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BLOOD GROUP AND IDENTITY MARKER REPORT

MICHELLE PIATT

Case:

CAT96811

Date Received:

11-Jul-2017

Print Date:

13-Jul-2017

Report ID:

7111-2821-0841-4131

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

Cat: TX-ELFKATZ BABY BLUE

DOB: 05/13/2016 Sex: Female Breed: Devon Rex Color: Blue

Reg: SBT 051316 002

BLOOD GROUP RESULT

N/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	HU	FCA678	MN
FCA698	Ta		

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COAT COLOR TEST RESULTS

MICHELLE PIATT

Case:

CAT96811

Date Received:

11-Jul-2017

Print Date:

13-Jul-2017

Report ID:

3632-7851-1302-3015

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

Cat: TX-ELFKATZ BABY BLUE

DOB: 05/13/2016 Sex: Female Breed: Devon Rex Color: Blue

Reg: SBT 051316 002

a/a	
E/E	
B/b	
C/c ^s	
d/d	
	E/E B/b C/c ^s

Non-agouti. If bred to a non-agouti, only non-agouti offspring will be produced.

Not requested.

No copies of the mutation for Amber.

Full color, carrier of brown.

Carrier of Siamese colorpoint restriction.

Two copies of dilute allele. Coat color is diluted.

Not requested.

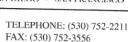
For more detailed information on Cat Coat Color results, please go to: www.vgl.ucdavis.edu/services/coatcolorcat.php

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

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CAT LONG HAIR REPORT

MICHELLE PIATT

Case:

CAT96811

Date Received:

11-Jul-2017

Print Date:

13-Jul-2017

Report ID:

0344-5863-0259-9182

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

Reg: SBT 051316 002

Cat: TX-ELFKATZ BABY BLUE

DOB: 05/13/2016 Sex: Female Breed: Devon Rex Color: Blue

Genotype

N/N

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 longhaired kittens when bred to other long-haired cats.

> For more information on Long Hair test results, please go to: www.vgl.ucdavis.edu/services/cat/CatLongHair.php