



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

TELEPHONE: (530) 752-2211  
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### CONGENITAL MYASTHENIC SYNDROME (CMS) TEST REPORT

<p>MICHELLE PIATT                  [REDACTED] CT                  [REDACTED] 6</p>	<p><b>Case:</b> CAT81488  <b>Date Received:</b> 05-Feb-2016  <b>Print Date:</b> 16-Nov-2017  <b>Report ID:</b> 4333-3020-9229-2180                  Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a></p>
<p><b>Cat:</b> DREAM DEVON SMOOTH AS SILK <b>Reg:</b> SBT 070915 064  <b>DOB:</b> 07/09/2015 <b>Sex:</b> Female <b>Breed:</b> Devon Rex <b>Color:</b> chocolate mackerel torbie &amp; white</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](http://www.vgl.ucdavis.edu/services/cat/DevonRexSphynxCMS.php)



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**PKD1 AND PERSIAN DERIVED PRA REPORT**

<p>MICHELLE PIATT                  2700 HALLEY COURT                  [REDACTED]</p>	<p><b>Case:</b> CAT81488  <b>Date Received:</b> 05-Feb-2016  <b>Print Date:</b> 16-Nov-2017  <b>Report ID:</b> 0044-8643-6853-7186                  Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a></p>
<p><b>Cat:</b> DREAM DEVON SMOOTH AS SILK <b>Reg:</b> SBT 070915 064  <b>DOB:</b> 07/09/2015 <b>Sex:</b> Female <b>Breed:</b> Devon Rex <b>Color:</b> chocolate mackerel torbie &amp; white</p>	

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](http://www.vgl.ucdavis.edu/services/pckd1.php)  
[www.vgl.ucdavis.edu/services/cat/PRApd.php](http://www.vgl.ucdavis.edu/services/cat/PRApd.php)

**IDENTITY MARKERS**

LOCUS	TYPE	LOCUS	TYPE
FCA075	QS	FCA220	L
FCA223	H	FCA678	JM
FCA698	Za		

# DNA ANALYSIS CERTIFICATE

## DREAM DEVON SMOOTH AS SILK

**Breed:** Devon Rex  
**Sex:** Female  
**Color:** chocolate mackerel torbie & white  
**DOB:** 07/09/2015  
**Reg:** SBT 070915 064  
**Alt. ID:**

**Case:** CAT81488  
**Print Date:** November 16, 2017  
**Report ID:** 0044-8643-6853-7186

### PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

### Identity Panel

Q	E	C	A	0	7	5	S
L	E	C	A	2	2	0	L
H	E	C	A	2	2	3	H
J	E	C	A	6	7	8	M
Z	E	C	A	6	8	8	a



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**MICHELLE PIATT**  
~~2701 MICHELLE PIATT COURT~~  
~~DAVIS CA 95616~~



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## CAT LONG HAIR REPORT

<p>MICHELLE PIATT [REDACTED] [REDACTED]</p>	<p><b>Case:</b> CAT81488 <b>Date Received:</b> 05-Feb-2016 <b>Print Date:</b> 05-Oct-2016 <b>Report ID:</b> 4465-6342-5433-1064 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a></p>
<p><b>Cat:</b> DREAM DEVON SMOOTH AS SILK <b>Reg:</b> SBT 070915 064 <b>DOB:</b> 07/09/2015 <b>Sex:</b> Female <b>Breed:</b> Devon Rex <b>Color:</b> chocolate mackerel torbie &amp; white</p>	

### 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 long-haired kittens when bred to other long-haired cats.



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**COAT COLOR TEST RESULTS**

<p><b>MICHELLE PIATT</b>                  [REDACTED]                  [REDACTED]</p>	<p><b>Case: CAT81488</b>  <b>Date Received: 05-Feb-2016</b>  <b>Print Date: 10-Feb-2016</b>  <b>Report ID: 7445-6719-5640-4155</b>                  Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a></p>
<p><b>Cat: DREAM DEVON SMOOTH AS SILK</b> <span style="float: right;"><b>Reg: SBT 070915 064</b></span>  <b>DOB: 07/09/2015</b> Sex: <b>Female</b> Breed: <b>Devon Rex</b> Color: <b>chocolate mackerel torbie &amp; white</b></p>	

AGOUTI	<b>A/A</b>	All offspring will have agouti banded hair.
ALBINO		Not requested.
AMBER	<b>E/E</b>	No copies of the mutation for Amber.
BROWN	<b>B/b</b>	Full color, carrier of brown.
COLORPOINT	<b>c<sup>b</sup>/c<sup>b</sup></b>	Burmese (sepia).
DILUTE	<b>D/d</b>	One copy of dilute allele. Cat is a carrier of dilute.
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](http://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](http://www.vgl.ucdavis.edu/services/cat/DominantWhite.php)