



VETERINARY GENETICS LABORATORY  
SCHOOL OF VETERINARY MEDICINE  
ONE SHIELDS AVENUE  
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## PKD1 AND IDENTITY MARKER REPORT

|   |   |
|---|---|
| ROBIN BISHOP<br>409 DILLON DRIVE<br>COPPERAS COVE, TX 76522   | <b>Case:</b> <b>CAT63303</b><br><b>Date Received:</b> 03-Mar-2014<br><b>Print Date:</b> 04-Mar-2014<br><b>Report ID:</b> 6143-6714-2719-1064<br>Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a> |
| <b>Cat:</b> ZIAKATZ LITTLE LION MAN'S DEBUT<br><b>DOB:</b> 04/09/2013 <b>Sex:</b> Male <b>Breed:</b> Exotic Shorthair <b>Microchip:</b> 985121011210175 | <b>Reg:</b> 7586-1794152  |
| <b>Sire:</b> ALCATRAZ MAD MAX TJ OF ZIAKATZ<br><b>Dam:</b> MS SKITTLES OF ZIAKATZ   | <b>Reg:</b> 7540-1724262 V0612<br><b>Reg:</b> 7549-1802667 V0711  |

### PKD1 TEST RESULT

N/N

#### 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. The test indicates the presence or absence of the stop mutation in the feline PKD1 gene caused by a cytosine to adenine transversion. This mutation causes feline polycystic kidney disease (PKD), which is characterized by renal, hepatic and pancreatic cysts. \*If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

### IDENTITY MARKERS

| LOCUS  | TYPE | LOCUS  | TYPE |
|--------|------|--------|------|
| FCA075 | S    | FCA220 | IK   |
| FCA223 | Q    | FCA678 | JN   |
| FCA698 | NT   |        |      |

# DNA ANALYSIS CERTIFICATE

## ZIAKATZ LITTLE LION MAN'S DEBUT

**Breed:** Exotic Shorthair  
**Sex:** Male  
**Color:** Brown Classic Tabby  
**DOB:** 04/09/2013  
**Reg:** 7586-1794152  
**Microchip:** 985121011210175

**Case:** CAT63303  
**Print Date:** March 4, 2014  
**Report ID:** 6143-6714-2719-1064

**PKD1 Result**

N/N

Does not possess the disease-causing PKD1 gene.

**Identity Panel**

|   |   |   |   |   |
|---|---|---|---|---|
| S | I | Q | J | N |
| F | C | F | F | F |
| C | A | C | C | C |
| A | 2 | A | A | A |
| 0 | 2 | 2 | 7 | 9 |
| 5 | 0 | 3 | 8 | 8 |
| S | K | Q | N | T |



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