

## PKD1 AND IDENTITY MARKER REPORT

JOANIE WILSON 960 WISE RD MORGANTON, GA 30560	<b>Case:</b> <b>CAT60719</b> <b>Date Received:</b> 19-Nov-2013 <b>Report Date:</b> 21-Nov-2013 <b>Report ID:</b> 3035-8392-7613-4111 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> EXOTIC-GEMS ISAAC NEWTOM OF ZIAKATZ <b>DOB:</b> 08/06/2013 <b>Breed:</b> ES <b>Sex:</b> M <b>Microchip:</b>	<b>Reg:</b> 7408-1790007
<b>Sire:</b> STONE CREEK AMERICAN GRAFFITI <b>Dam:</b> STONE CREEK WHISPERING WILLOW	<b>Reg:</b> 7404-1735011 <b>Reg:</b> 7537-1718420

## 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.

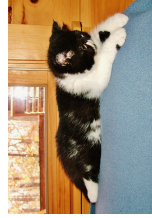
The disease is inherited as an autosomal dominant trait, which means that a heterozygote (N/P) bred to a normal (N/N) will result in approximately half of the offspring being affected and half being normal. There are no observed homozygous affected (P/P), which suggests that the mutation is embryonic 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
FCA069	O	FCA075	S
FCA105	RS	FCA149	GL
FCA220	IK	FCA223	UV

# DNA ANALYSIS CERTIFICATE

## EXOTIC-GEMS ISAAC NEWTOM OF ZIAKATZ



**Case:** CAT60719  
**Report Date:** November 21, 2013  
**Report ID:** 3035-8392-7613-4111

**Breed:** Exotic Shorthair  
**Sex:** Male  
**Color:** BLACK AND WHITE  
**DOB:** 08/06/2013  
**Reg:** 7408-1790007  
**Microchip:**

**PKD1 Result**

N/N

Does not possess the disease-causing PKD1 gene.

**Identity Panel**

O	S	I	U	R	G
FCA069	FCA075	FCA220	FCA233	FCA105	FCA149
O	S	K	V	S	L



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