## UNIVERSITY OF CALIFORNIA, DAVIS

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



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## PKD1 AND IDENTITY MARKER REPORT

NENCKOVA LUCIE TYRSOVO NAMESTI 2221 ROZTOKY U PRAHY 25263

CZECH REPUBLIC

Case: **CAT68131** 

13-Aug-2014 Date Received:

Print Date: 17-Aug-2014

5867-4974-4271-8075 Report ID:

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

Cat: HUBBLE BUBBLE ADORO\*LT

DOB: 07/02/2014 Sex: Female Breed: Oriental Shorthair Microchip: 90018200516641

Reg:

## 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	Q	FCA220	L
FCA223	NQ	FCA678	J
FCA698	Qc		

# DNA ANALYSIS CERTIFICATE

# HUBBLE BUBBLE ADORO\*LT

**Breed:** Oriental Shorthair

Sex: Female

Color: OSH n 22

**DOB:** 07/02/2014

Microchip: 90018200516641

Case: CAT68131

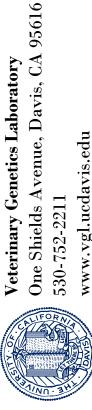
**Report ID:** 5867-4974-4271-8075 Print Date: August 17, 2014



# PKD1 Result

## N

Does not possess the disease-causing PKD1 gene.



Veterinary Genetics Laboratory

530-752-2211

www.vgl.ucdavis.edu

TYRSOVO NAMESTI 2221 ROZTOKY U PRAHY NENCKOVA LUCIE

CZECH REPUBLIC