



VETERINARY GENETICS LABORATORY
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PKD1 AND PERSIAN DERIVED PRA REPORT

YELENA GABRIYELOVA 2727 MEYER PLACE PHILADELPHIA, PA 19114	Case: CAT113926 Date Received: 01-Apr-2019 Print Date: 02-Apr-2019 Report ID: 1862-9259-2256-1179 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: TOMMY DOB: 01/20/2017 Sex: Male Breed: Exotic Shorthair Microchip: N/A Color: BROWN TABBY-WHITE	Reg: 7944-02785451

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/pkd1.php
www.vgl.ucdavis.edu/services/cat/PRApd.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	S	FCA220	K
FCA223	Q	FCA678	JN
FCA698	SZ		

DNA ANALYSIS CERTIFICATE

TOMMY

Breed: Exotic Shorthair

Sex: Male

Color: BROWN TABBY-WHITE

DOB: 01/20/2017

Reg: 7944-02785451

Alt. ID: N/A

Case: CAT113926

Print Date: April 2, 2019

Report ID: 1862-9259-2256-1179

PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel

S	K	Q	J	S
F	F	F	F	F
C	C	C	C	C
A	A	A	A	A
0	2	2	6	9
7	3	3	7	8
5	0	3	8	8
S	K	Q	N	Z



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