UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO SANTA BARBARA • SANTA CRUZ

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

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

PKD1 AND PERSIAN DERIVED PRA REPORT

DANIEL BUCHS
ACHERN C, 3714 FRUTIGEN
ACHERN 3C
SWITZERLAND

Case: **CAT113072**
Date Received: 25-Feb-2019
Print Date: 26-Feb-2019
Report ID: 1762-8226-9134-5157
Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Cat: **EVAN VON KANDERGARDEN** *Reg:* **FFH LO 985772**
DOB: **04/15/2018** *Sex:* **Male** *Breed:* **Ragdoll** *Microchip:* **756098100799471** *Color:* **seal**

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

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	PT	*FCA220*	L
FCA223	GU	*FCA678*	JM
FCA698	NS		