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PKD1 AND PERSIAN DERIVED PRA REPORT

JAMES RANKIN
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Case: **CAT115623**
Date Received: 07-Jun-2019
Print Date: 10-Jun-2019
Report ID: 5823-7116-0193-8091
Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Cat: **FAE** *Reg:*
DOB: **01/22/2019** *Sex:* **Female** *Breed:* **Abyssinian** *Microchip:* **643094100639846** *Color:* **Blue**

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*	L
FCA223	N	*FCA678*	KN
FCA698	Ta		