



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

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| JAMES RANKIN 111 E. BROADWAY SAND SPRINGS, OK 74063 | Case: CAT119814 Date Received: 03-Dec-2019 Print Date: 04-Dec-2019 Report ID: 8818-1478-7378-8108 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm |
| Cat: SUNSHINE DOB: 05/29/2019 Sex: Male Breed: Abyssinian Microchip: 643094100652403 Color: Ruddy | Reg: |
| Sire: EMMANUELLE MARSEILLE Dam: FIRE CAT ISABELLE | Reg: Farus/ZP 4355 Reg: Farus/NH 1150 |

| 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 | RS | FCA220 | I |
| FCA223 | NU | FCA678 | KN |
| FCA698 | NT | | |