



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

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

PK DEFICIENCY AND IDENTITY MARKER REPORT

JAMES RANKIN 111 E. BROADWAY SAND SPRINGS, OK 74063	Case: CAT119814 Date Received: 03-Dec-2019 Print Date: 04-Dec-2019 Report ID: 4886-2948-4852-4084 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

PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

Result Codes:

- N/N no copies of PK deficiency, cat is normal
- N/K 1 copy of PK deficiency, cat is normal but is a carrier
- K/K 2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted*

Erythrocyte Pyruvate Kinase Deficiency (PK deficiency) is an inherited, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation.

*If your cat is diagnosed as homozygous for PK deficiency, we recommend that you contact your veterinarian for information on disease progression and management.

For more information on PK Deficiency test results, please go to:
www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	RS	FCA220	I
FCA223	NU	FCA678	KN
FCA698	NT		