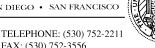
## UNIVERSITY OF CALIFORNIA, DAVIS

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



SANTA BARBARA • SANTA CRUZ

FAX: (530) 752-3556

# PK DEFICIENCY AND IDENTITY MARKER REPORT

MICHELLE AND JOSHUA FARNSWORTH

CAT113842 Case:

27-Mar-2019 Date Received:

Print Date: 28-Mar-2019

0592-1075-7227-5128 Report ID:

Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Cat: WMBENGALS FIRST TO BE SEEN OF COSMICBENGAL

Reg: SBT 032517 077

DOB: 03/25/2017 Sex: Female Breed: Bengal Microchip: 981020019589839 Color: Charcoal Blue Mink

Reg: SBT 031416 023 Sire: QUEENPALM LEX PARSIMONIAE Reg: SBT 032815 027 Dam: LASTERDAY PAINT IT BLACK

## 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**

LOCUS	TYPE	LOCUS	TYPE
FCA075	PQ	FCA220	L
FCA223	G	FCA678	KM
FCA698	Uc		