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

PK DEFICIENCY AND IDENTITY MARKER REPORT

ERIKA KARSEMEYER
[redacted]

Case: **CAT82526**
Date Received: 09-Mar-2016
Print Date: 10-Mar-2016
Report ID: 8397-6449-7565-9140
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **SHANGRIPAW SEBASTIAN OF WB** *Reg:* **SBT 042715 078**
DOB: **04/27/2015** *Sex:* **Male** *Breed:* **Bengal** *Color:* **BROWN (BLACK) SPOTTED TABBY**

Sire: PURRECIOUSPOTS JSTFYD OF SHANGRIPAW *Reg:* SBT 031313 046
Dam: SHANGRIPAW LEGACEE *Reg:* SBT 021413 056

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: www.vgl.ucdavis.edu/services/pkdeficiency.php

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

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	PR	*FCA220*	L
FCA223	UV	*FCA678*	M
FCA698	Uc		