



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

JILL SMITH 104 RUTH WAY GEORGETOWN, KY 40324		Case: CAT80020 Date: 30-Nov-2015 Print Date: 24-Feb-2016 Report ID: 8532-5567-0226-3060 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: PRISMATIC CHIEF BENEFACTOR DOB: 05/05/2015 Sex: Male Breed: Bengal		Reg: SBT051315066
Sire: DRINKWATER CLOUD REFLECTION Dam: BOYDSBENGALS TIKI		Reg: SBT100910004 Reg: SBT020413036

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

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	P	FCA220	KL
FCA223	UV	FCA678	M
FCA698	UW		