



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

TERESA SWEENEY 2461 BIRCH BARK TRAIL GROVE CITY, OH 43123	Case: CAT64745 Date Received: 23-Apr-2014 Print Date: 27-Apr-2014 Report ID: 4429-8213-1777-9008 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: BARNEY Reg: DOB: 06/04/2012 Sex: Male Breed: Maine Coon Microchip:	

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

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	QS	FCA220	IL
FCA223	GW	FCA678	JP
FCA698	T		