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

TERESA SWEENEY
2461 BIRCH BARK TRAIL
GROVE CITY, OH 43123

Case: **CAT66070**
Date Received: 04-Jun-2014
Print Date: 10-Jun-2014
Report ID: 5001-8026-2026-4115
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **SARDINIA** *Reg:*

DOB: **02/10/2014** *Sex:* **Female** *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 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	S	*FCA220*	KL
FCA223	QU	*FCA678*	J
FCA698	S		