



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

ULLA EKSTRÖM VON ESSEN YNGLINGAGATAN 24 III 11347 STOCKHOLM, SWEDEN SWEDEN	Case: CAT65545 Date Received: 15-May-2014 Print Date: 19-May-2014 Report ID: 5557-8166-8254-8053 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: SE* ICEBLUE'S CHERUBIC CIXOUS DOB: 04/28/2013 Sex: Female Breed: La Perm Microchip:	Reg:

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	L
FCA223	HV	FCA678	JN
FCA698	Yc		