



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

SARAH RUNZIS ROUTE DE DIVONNE 248 01210 ORNEX FRANCE		Case: IHK138 Date Received: 14-Oct-2013 Report Date: 16-Oct-2013 Report ID: 2644-3555-7203-8124 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: NL*FOREST MYTHS GHOST RIDER DOB: 03/25/2012 Breed: NF Sex: M Microchip: 528 210 002 813 316		Reg: FFH LO 79090
Sire: PL*KARLIK KARADOK Dam: STRATOCASTER BLUE TANIS*CH		Reg: FPL 20769 Reg: FFH LO 72703

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 hemolytic anemia that occurs in Abyssinian, Somali and some domestic shorthair cats. This condition is inherited as an autosomal recessive. Breedings between carriers will be expected to produce 25% affected kittens.

*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	PS	FCA105	UV
FCA220	L	FCA223	HQ
FCA678	JK	FCA698	NU