



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**

ALENA TURKOVA TATICKOVA [REDACTED] CZECH REPUBLIC		<b>Case:</b> CAT55273 <b>Date Received:</b> 13-May-2013 <b>Report Date:</b> 14-May-2013 <b>Report ID:</b> 5723-1812-8741-7111 Verify report at <a href="https://www.vgl.ucdavis.edu/myvgl/verify.html">https://www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> LUNACAT SAFIRA OF OSSIRIAN <b>DOB:</b> 12/22/2012 <b>Breed:</b> BG <b>Sex:</b> F <b>Microchip:</b> pending		<b>Reg:</b> pending
<b>Sire:</b> DIVINITAS MIKI <b>Dam:</b> LEOCATS GABRIELLE		<b>Reg:</b> SBT 030811 046 <b>Reg:</b> SBT 070611 067

**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
FCA069	LN	FCA075	PS
FCA220	L	FCA223	MV
FCA678	KN	FCA698	Uc