




VETERINARY GENETICS LABORATORY
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PK DEFICIENCY AND IDENTITY MARKER REPORT

ALENA TURKOVA TATICKOVA  CZECH REPUBLIC		Case: CAT51861 Date Received: 10-Jan-2013 Report Date: 15-Jan-2013 Report ID: 3588-5486-6436-0033 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: SUMMERSIDE SEBASTIAN OF OSSIRIAN		Reg: SBT 032711 008
DOB: 03/27/2011 Breed: BG Sex: M Microchip:		
Sire: PURRSONALITY CLOUD EFFECTS		Reg: SBT 111608 015
Dam: SUMMERSIDE DYNAMITE FYRE		Reg: SBT 070110 018

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
<i>FCA069</i>	NO	<i>FCA075</i>	PT
<i>FCA220</i>	J1 /M	<i>FCA678</i>	KM
<i>FCA698</i>	U	<i>FCA223</i>	GU