



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

PATRIZIA REINWAND DURNWALDER KLOSTERWEG NR. 30 WELSBURG (ITALY) 39035 ITALY		Case: CAT41131 Date Received: 13-Oct-2011 Report Date: 18-Oct-2011 Report ID: 5870-6276-2802-9171
<i>Cat:</i> WILDBENGALS LOLITA <i>DOB:</i> 08/13/2009 <i>Breed:</i> BG <i>Sex:</i> F <i>Microchip:</i>	<i>Reg:</i> SBT 081309 024	
<i>Sire:</i> BROTHERWOOD SAHIB <i>Dam:</i> JUNGLEWHISPER BASHIRA	<i>Reg:</i> SBT 080707 006 <i>Reg:</i> SBT 042707 005	

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>	P
<i>FCA220</i>	LM	<i>FCA229</i>	P
<i>FCA678</i>	M	<i>FCA698</i>	UZ