



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

JENNY ÄGIRSDOTTER ALSINGEGATAN 5, 23143 TRELLEBORG SWEDEN		Case: CAT52995 Date Received: 20-Feb-2013 Report Date: 22-Feb-2013 Report ID: 1269-5260-8693-9051 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: SE*ANAMACATS AMAZING MAJA DOB: 06/29/2012 <i>Breed:</i> LP <i>Sex:</i> F <i>Microchip:</i> 61609340000961		Reg: RX 289465
<i>Sire:</i> S*ÄGIRSHUS BC LEVA <i>Dam:</i> SE*ANAMACATS FIONA		<i>Reg:</i> SVERAK RX 280127 <i>Reg:</i> SVERAK RX 277852

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	L	FCA075	S
FCA220	KL	FCA223	V
FCA678	JN	FCA698	c