



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

<b>SARAH RUNZIS</b> <b>ROUTE DE DIVONNE 248</b> <b>01210 ORNEX</b> <b>FRANCE</b>		<b>Case:</b> <b>IHK139</b> <b>Date Received:</b> 14-Oct-2013 <b>Report Date:</b> 16-Oct-2013 <b>Report ID:</b> 5715-8240-1830-0197 Verify report at <a href="https://www.vgl.ucdavis.edu/myvgl/verify.html">https://www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat: SELENIA AV SKARA BRAE*CH</b> <b>DOB: 10/31/2009    Breed: NF    Sex: F    Microchip: 756 098 500 062 802</b>		<b>Reg: FFH LO 73787</b>
<b>Sire: NL*TITRAN'S URANOS</b> <b>Dam: CLARA SMITH DE LAILOKEN*F</b>		<b>Reg: FFH LO 69566</b> <b>Reg: FFH LO 73783</b>

## 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	S	FCA105	U
FCA220	LO	FCA223	GU
FCA678	J	FCA698	TZ