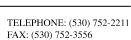
## UNIVERSITY OF CALIFORNIA, DAVIS

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VETERINARY GENETICS LABORATORY SCHOOL OF VETERINARY MEDICINE ONE SHIELDS AVENUE DAVIS, CALIFORNIA 95616-8744





SANTA BARBARA • SANTA CRUZ

# PK DEFICIENCY AND IDENTITY MARKER REPORT

SARAH RUNZIS ROUTE DE DIVONNE 248 01210 ORNEX FRANCE

*Case:* IHK142

 Date Received:
 14-Oct-2013

 Report Date:
 16-Oct-2013

 Report ID:
 2180-5807-8817-7002

Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html

Cat: GISELE AV SKARA BRAE\*CH

*Reg:* **FFH LO 77666** 

DOB: 10/31/2009

Breed: NF

Sex: F

Microchip: 250 268 720 108 873

Sire: FOR YOUR EYES ONLY DE LA COLLINE D'

Reg: FFH LO 75922

Dam: CLARA SMITH DE LAILOKEN\*F

Reg: FFH LO 73783

## 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	HU
FCA220	LO	FCA223	HU
FCA678	JK	FCA698	Ta