



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

TELEPHONE: (530) 752-2211  
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## PK DEFICIENCY AND IDENTITY MARKER REPORT

SOPHIE GUILLEMIN 1 RUE DE VALAVI 25150 REMONDANS VAIVRE FRANCE		<b>Case:</b> <b>CAT58802</b> <b>Date Received:</b> 16-Sep-2013 <b>Report Date:</b> 19-Sep-2013 <b>Report ID:</b> 7157-7948-1738-3035 Verify report at <a href="https://www.vgl.ucdavis.edu/myvgl/verify.html">https://www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat: ANTAO DE VALAVI</b>		<b>Reg: loof 2005.8833</b>
<b>DOB: 06/15/2005</b>	<b>Breed: NF</b>	<b>Sex: M</b>
<b>Microchip: 250269600631578</b>		
<b>Sire: ELVDAL'PAN TAU</b>		<b>Reg: DEKZV LO 305373</b>
<b>Dam: MONNA PIERRE FELINE</b>		<b>Reg: FFH LO 62525</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
FCA069	PQ	FCA075	RS
FCA220	L	FCA223	QU
FCA678	J	FCA698	TU



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## PK DEFICIENCY AND IDENTITY MARKER REPORT

SOPHIE GUILLEMIN 1 RUE DE VALAVI 25150 REMONDANS VAIVRE FRANCE		<b>Case:</b> <b>CAT58803</b> <b>Date Received:</b> 16-Sep-2013 <b>Report Date:</b> 19-Sep-2013 <b>Report ID:</b> 5782-1165-5159-5153 Verify report at <a href="https://www.vgl.ucdavis.edu/myvgl/verify.html">https://www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> DIVINE ALCOVE DE FOREST CAT <b>DOB:</b> 04/06/2008 <b>Breed:</b> NF <b>Sex:</b> F <b>Microchip:</b> 250269200171555		<b>Reg:</b> LOOF 2008.7507
<b>Sire:</b> BUCK'FIZZ DE LAILOKEN <b>Dam:</b> ARLEEN DE LAILOKEN		<b>Reg:</b> LOOF 2006.15694 <b>Reg:</b> LOOF 2005.9924

## PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

### Result Codes:

- N/N    no copies of PK deficiency, cat is normal
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- K/K    2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted\*

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## IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA069	LN	FCA075	S
FCA220	L	FCA223	UW
FCA678	J	FCA698	Ta