



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

GEERTJE BESSELINK HAARBRINKSBOSWEG 1 7428ME DEVENTER NETHERLANDS	<i>Case:</i> CAT31799 <i>Date Received:</i> 04-Aug-2010 <i>Report Date:</i> 18-Aug-2010 <i>Report ID:</i> 0412-0782-1891-5084
<i>Cat:</i> SUNDISK GIVENCHY EXTRAVAGANCE <i>DOB:</i> 08/19/2008 <i>Breed:</i> AB <i>Sex:</i> M	<i>Reg:</i> FD LO 154722 <i>Microchip:</i> 208213990013953
<i>Sire:</i> LALIMA'S COLOR MAGIC <i>Dam:</i> BATON ROUGE MIRACLE BEACH	<i>Reg:</i> CFA 0360 1599046 <i>Reg:</i> CFA 0361 1548516

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>FCA075</i>	QS	<i>FCA220</i>	I
<i>FCA229</i>	OP	<i>FCA105</i>	T
<i>FCA149</i>	H	<i>FCA678</i>	K



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PK DEFICIENCY AND IDENTITY MARKER REPORT

GEERTJE BESSELINK HAARBRINKSBOSWEG 1 7428ME DEVENTER NETHERLANDS	<i>Case:</i> CAT31800 <i>Date Received:</i> 04-Aug-2010 <i>Report Date:</i> 18-Aug-2010 <i>Report ID:</i> 7764-0824-2281-1053
<i>Cat:</i> MARSMELLOW DELILAH <i>DOB:</i> 05/27/2009 <i>Breed:</i> AB <i>Sex:</i> F	<i>Reg:</i> <i>Microchip:</i> 985121012331826

PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

Result Codes:

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