



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**

GUILLAUME GUY 2114 DEZERY MONTREAL HIW 2S2 CANADA	<b>Case: CAT86623</b> <b>Date Received: 08-Jul-2016</b> Print Date: 25-Jul-2016 Report ID: 2097-5734-7212-9164 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
Cat: <b>SHERAKAN SAKURA</b> DOB: <b>03/12/2016</b> Sex: <b>Female</b> Breed: <b>Bengal</b> Color: <b>Brown spotted</b>	Reg:
Sire: SHERAKAN AARON CHUPA Dam: LEIKABENGAL VODOO	Reg: SBT 060114 079 Reg: SBT 101713 042

**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, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation: [www.vgl.ucdavis.edu/services/pkdeficiency.php](http://www.vgl.ucdavis.edu/services/pkdeficiency.php)

\*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	PT	FCA220	L
FCA223	GW	FCA678	MN
FCA698	Uc		



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## PK DEFICIENCY AND IDENTITY MARKER REPORT

GUILLAUME GUY 2114 DEZERY MONTREAL HIW 2S2 CANADA	<b>Case:</b> <b>CAT86624</b> <b>Date Received:</b> 08-Jul-2016 <b>Print Date:</b> 25-Jul-2016 <b>Report ID:</b> 4784-5973-8174-7104 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> <b>WOWBENGALS BRAVE</b> <b>DOB:</b> 02/01/2016 <b>Sex:</b> Male <b>Breed:</b> Bengal <b>Microchip:</b> 528257000012558 <b>Color:</b> Brown spotted	<b>Reg:</b> <b>SBT 0201016 025</b>
<b>Sire:</b> WOWBENGALS BEAUTIFUL DAZE <b>Dam:</b> WOWBENGALS BLUEPRINT FOR THE FUTURE	<b>Reg:</b> SBT 093013 083 <b>Reg:</b> SBT 080112 044

## PYRUVATE KINASE DEFICIENCY TEST RESULT

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## IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	PS	FCA220	L
FCA223	N	FCA678	JN
FCA698	c		