



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

<h1 style="color: red; font-family: cursive;">Sarasota Bengals</h1>		Case:	CAT62665
		Date Received:	07-Feb-2014
Cat: THUNDER'S SNOW BOY <i>Reg:</i> DOB: 12/20/2013 Sex: Male Breed: Bengal Microchip:		Print Date:	10-Feb-2014
		Report ID:	9476-4652-3769-0191
		Verify report at www.vgl.ucdavis.edu/myvgl/verify.html	
Sire: FROSTY <i>Reg:</i> Dam: THUNDER <i>Reg:</i>			

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

*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	PQ	FCA220	L
FCA223	MU	FCA678	JM
FCA698	Wc		



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BENGAL COAT COLOR TEST RESULTS

Sarasota Bengals	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Case:</td> <td>CAT62665</td> </tr> <tr> <td>Date Received:</td> <td>07-Feb-2014</td> </tr> <tr> <td>Print Date:</td> <td>10-Feb-2014</td> </tr> <tr> <td>Report ID:</td> <td>9234-2720-6923-1013</td> </tr> <tr> <td colspan="2" style="text-align: center; font-size: 0.8em;"> Verify report at www.vgl.ucdavis.edu/myvgl/verify.html </td> </tr> </table>	Case:	CAT62665	Date Received:	07-Feb-2014	Print Date:	10-Feb-2014	Report ID:	9234-2720-6923-1013	Verify report at www.vgl.ucdavis.edu/myvgl/verify.html	
Case:	CAT62665										
Date Received:	07-Feb-2014										
Print Date:	10-Feb-2014										
Report ID:	9234-2720-6923-1013										
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html											
Cat: THUNDER'S SNOW BOY	Reg:										
DOB: 12/20/2013 Sex: Male Breed: Bengal Microchip:											
Sire: FROSTY	Reg:										
Dam: THUNDER	Reg:										

AGOUTI/CHARCOAL	A/a
ALBINO	N/N
AMBER	E/E
BROWN	B/B
COLORPOINT	c^s/c^s
DILUTE	D/D

1 copy of non-Agouti gene is present. Offspring can be charcoal depending on the genetics of the mate.

No copies of albino allele are present.

No copies of the mutation for Amber.

Full color, cat does not carry brown or cinnamon.

Siamese.

Full color. Cat does not have the dilute allele.

For more detailed information on Cat Coat Color results, please go to:
www.vgl.ucdavis.edu/services/coatcolorcat.php