



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>Sarasota Bengals</h1>	<b>Case:</b>	<b>CAT68979</b>
	<b>Date Received:</b>	09-Sep-2014
	<b>Print Date:</b>	12-Sep-2014
	<b>Report ID:</b>	6215-8150-6536-2044
	Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>	
<b>Cat:</b> GABBY	<b>Reg:</b>	
<b>DOB:</b> 02/02/2014 <b>Sex:</b> Female <b>Breed:</b> Bengal <b>Microchip:</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, 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.

# Sarasota Bengals

## IDENTITY MARKERS

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



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**BENGAL COAT COLOR TEST RESULTS**

Sarasota Bengals	<p><b>Case:</b> CAT68979</p> <p><b>Date Received:</b> 09-Sep-2014</p> <p><b>Print Date:</b> 12-Sep-2014</p> <p><b>Report ID:</b> 0658-0281-7952-3160</p> <p style="font-size: 0.8em;">Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a></p>
<p><b>Cat:</b> GABBY</p> <p><b>DOB:</b> 02/02/2014   <b>Sex:</b> Female   <b>Breed:</b> Bengal   <b>Microchip:</b></p>	<p><b>Reg:</b></p>

AGOUTI/CHARCOAL	<b>A/A</b>	No copies of ALC Agouti gene are present. Cannot have charcoal offspring.
ALBINO	<b>N/N</b>	No copies of albino allele are present.
AMBER	<b>E/E</b>	No copies of the mutation for Amber.
BROWN	<b>B/B</b>	Full color, cat does not carry brown or cinnamon.
COLORPOINT	<b>C/c<sup>s</sup></b>	Carrier of Siamese colorpoint restriction.
DILUTE	<b>D/D</b>	Full color. Cat does not have the dilute allele.

# Sarasota Bengals

**For more detailed information on Cat Coat Color results, please go to:**  
[www.vgl.ucdavis.edu/services/coatcolorcat.php](http://www.vgl.ucdavis.edu/services/coatcolorcat.php)