



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>	Case:	CAT69586
	Date Received:	29-Sep-2014
	Print Date:	01-Oct-2014
	Report ID:	1044-1791-1048-0193
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html		
Cat: ALY	Reg:	
DOB: 03/18/2014 Sex: Female Breed: Bengal Microchip:		

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.

Sarasota Bengals

IDENTITY MARKERS

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	OP	FCA220	M
FCA223	GM	FCA678	JM
FCA698	TU		



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BENGAL COAT COLOR TEST RESULTS

<h1 style="color: red; font-family: cursive;">Sarasota Bengals</h1>	Case: CAT69586
	Date Received: 29-Sep-2014 Print Date: 01-Oct-2014 Report ID: 9215-1101-0909-6151 <small>Verify report at www.vgl.ucdavis.edu/myvgl/verify.html</small>
Cat: ALY	Reg:
DOB: 03/18/2014 Sex: Female Breed: Bengal Microchip:	

AGOUTI/CHARCOAL	A/A	No copies of ALC Agouti gene are present. Cannot have charcoal offspring.
ALBINO	N/N	No copies of albino allele are present.
AMBER	E/E	No copies of the mutation for Amber.
BROWN	B/B	Full color, cat does not carry brown or cinnamon.
COLORPOINT	C/C	Full color, cat does not carry Burmese (sepia) or Siamese alleles.
DILUTE	D/D	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