



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:	CAT76518
	Date	14-Jul-2015
	Print Date:	01-Aug-2015
	Report ID:	8041-4720-1125-9160
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html		
Cat: SILVER CHARCOAL GIRL		
DOB: 06/04/2015 Sex: Female Breed: Bengal Microchip		
Sire: JASPER		
Dam: SANDY		

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

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	PS	FCA220	L
FCA223	MN	FCA678	J
FCA698	Uc		



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BENGAL COAT COLOR TEST RESULTS

Sarasota Bengals

Case: CAT76518
Date Received: 14-Jul-2015
Print Date: 17-Jul-2015
Report ID: 4214-2569-7858-1182
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: SILVER CHARCOAL GIRL

DOB: 06/04/2015 **Sex:** Female **Breed:** Bengal **Microc**

Sire: JASPER

Dam: SANDY

AGOUTI/CHARCOAL	A^{Pb}/A^{Pb}	2 copies of ALC Agouti gene are present. Offspring can be charcoal depending on the genetics of the mate.
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^s	Carrier of Siamese colorpoint restriction.
DILUTE	D/d	One copy of dilute allele. Cat is a carrier of dilute.
DOMINANT WHITE & WHITE SPOTTING		Not requested.

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

For more information on Dominant White and White Spotting results, please go to:
www.vgl.ucdavis.edu/services/cat/DominantWhite.php