



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

JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY	Case: CAT117241 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 7132-5618-3965-6155 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: INGOY'S BLACK SPIRIT DOB: 11/30/2018 Sex: Female Breed: Bengal Microchip: 578098100657717 Color: brown black spotted tabby	Reg: NRR LO 190997

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.

*If your cat is diagnosed as homozygous for PK deficiency, we recommend that you contact your veterinarian for information on disease progression and management.

For more information on PK Deficiency test results, please go to:
www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
<i>FCA075</i>	PR	<i>FCA220</i>	L
<i>FCA223</i>	NU	<i>FCA678</i>	MN
<i>FCA698</i>	U		



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JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY	Case: CAT117242 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 1277-8955-1559-0031 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: PRASLIN SISSI DOB: 04/03/2019 Sex: Female Breed: Bengal Microchip: 528210006035496 Color: brown black marbled tabby	Reg: SBT 040319009

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*

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IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
<i>FCA075</i>	OP	<i>FCA220</i>	H1 / L
<i>FCA223</i>	W	<i>FCA678</i>	M
<i>FCA698</i>	c		



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BENGAL COAT COLOR TEST RESULTS

<p>JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY</p>	<p>Case: CAT117244 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 7022-8172-9362-5077 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p>
<p><i>Cat:</i> KANPUR WILD CARD <i>Reg:</i> SBT 091218019 <i>DOB:</i> 09/12/2018 <i>Sex:</i> Female <i>Breed:</i> Bengal <i>Microchip:</i> 982126051765878 <i>Color:</i> brown black spotted tabby</p>	

AGOUTI/CHARCOAL	A/A	No copies of ALC Agouti gene are present. Cannot have charcoal offspring.
ALBINO		Not requested.
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.
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

For more information on Russet results, please go to:
www.vgl.ucdavis.edu/services/cat/BurmeseRusset.php



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JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY	Case: CAT117244 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 8557-0138-6557-6180 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: KANPUR WILD CARD DOB: 09/12/2018 Sex: Female Breed: Bengal Microchip: 982126051765878 Color: brown black spotted tabby	Reg: SBT 091218019

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*

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www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	PR	FCA220	H1
FCA223	NW	FCA678	N
FCA698	TZ		



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BENGAL COAT COLOR TEST RESULTS

<p>JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY</p>	<p>Case: CAT117245 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 0696-4614-1037-1080 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p>
<p>Cat: MANGOSTEEN THUNDER Reg: SBT 021919031 DOB: 02/19/2019 Sex: Male Breed: Bengal Microchip: 643094100567705 Color: brown balck spotted tabby</p>	

AGOUTI/CHARCOAL	A^{Pb}/A	1 copy of ALC Agouti gene is present. Offspring can be charcoal depending on the genetics of the mate.
ALBINO		Not requested.
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	Full color. Cat does not have the dilute allele.
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

For more information on Russet results, please go to:
www.vgl.ucdavis.edu/services/cat/BurmeseRusset.php



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PK DEFICIENCY AND IDENTITY MARKER REPORT

JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY	Case: CAT117245 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 8611-5522-8152-4022 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: MANGOSTEEN THUNDER DOB: 02/19/2019 Sex: Male Breed: Bengal Microchip: 643094100567705 Color: brown balck spotted tabby	Reg: SBT 021919031

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*

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For more information on PK Deficiency test results, please go to:
www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	P	FCA220	L
FCA223	GV	FCA678	JM
FCA698	Uc		



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BENGAL COAT COLOR TEST RESULTS

<p>JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY</p>	<p>Case: CAT117246 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 9533-4417-2519-3075 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p>
<p><i>Cat:</i> BENGALIVO LIGHT ME UP / RAE <i>Reg:</i> SBT 061018019 <i>DOB:</i> 10/06/2018 <i>Sex:</i> Female <i>Breed:</i> Bengal <i>Microchip:</i> 528246002675635 <i>Color:</i> seal spotted lynx (tabby) point</p>	

AGOUTI/CHARCOAL	A/A	No copies of ALC Agouti gene are present. Cannot have charcoal offspring.
ALBINO		Not requested.
AMBER	E/E	No copies of the mutation for Amber.
BROWN	B/B	Full color, cat does not carry brown or cinnamon.
COLORPOINT	c^s/c^s	Siamese.
DILUTE	D/D	Full color. Cat does not have the dilute allele.
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

For more information on Russet results, please go to:
www.vgl.ucdavis.edu/services/cat/BurmeseRusset.php



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<p>JÁNOS FÁBIÁN HAJNAL U. 17. PECS, 7627 HUNGARY</p>	<p>Case: CAT117246 Date Received: 08-Aug-2019 Print Date: 09-Aug-2019 Report ID: 5051-9932-2152-6057 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p>
<p>Cat: BENGALIVO LIGHT ME UP / RAE Reg: SBT 061018019 DOB: 10/06/2018 Sex: Female Breed: Bengal Microchip: 528246002675635 Color: seal spotted lynx (tabby) point</p>	

PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

Result Codes:

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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*

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www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	PU	FCA220	K
FCA223	GU	FCA678	JM
FCA698	NU		