



VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

PK DEFICIENCY AND IDENTITY MARKER REPORT

TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	Case: CAT18693 Date Received: 20-Jun-2008 Report Date: 01-Jul-2008 Report ID: 0081-6490-2314-6040
Cat: NIGHTMIST FOREVER FERGUS OF ABAYOMI YOB: 05 Breed: AB Sex: M	Reg: SBT053005046 Microchip: No
Sire: KV GRIGGIN OF NIGHTMIST Dam: NIGHTMIST I LOVE LUCY	Reg: SBT053005046 Reg: SBT041003029

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 hemolytic anemia that occurs in Abyssinian, Somali and some domestic shorthair cats. This condition is inherited as an autosomal recessive. Breedings between carriers will be expected to produce 25% affected kittens.

*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
FCA069	L	FCA075	PS
FCA220	IL	FCA229	OP
FCA105	ST	FCA149	J



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TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	Case: CAT18694 Date Received: 20-Jun-2008 Report Date: 01-Jul-2008 Report ID: 6792-1783-9608-0006
Cat: NIGHTMIST JAZZ N MOTION OF ABAYOMI YOB: 06 Breed: AB Sex: F	Reg: SBT081106030 Microchip: No
Sire: RUDDICAT MAXIMUS ORILOUS Dam: NIGHTMIST COPPER CAT	Reg: SBT111902020 Reg: SBT072605054

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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LOCUS	TYPE	LOCUS	TYPE
<i>FCA069</i>	K	<i>FCA075</i>	QS
<i>FCA220</i>	L	<i>FCA229</i>	OP
<i>FCA105</i>	RT	<i>FCA149</i>	J



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PK DEFICIENCY AND IDENTITY MARKER REPORT

TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	<i>Case:</i> CAT18695 <i>Date Received:</i> 20-Jun-2008 <i>Report Date:</i> 01-Jul-2008 <i>Report ID:</i> 2150-8246-6751-1068
<i>Cat:</i> NIGHTMIST MAGIC MOMENT OF ABAYOMI <i>YOB:</i> 05 <i>Breed:</i> AB <i>Sex:</i> F	<i>Reg:</i> SBT122405049 <i>Microchip:</i> No
<i>Sire:</i> ABYCATZ BLUE MERLIN OF NIGHTMI <i>Dam:</i> HILLSTBLUES SIKIA OF NIGHTMIST	<i>Reg:</i> SBT010404013 <i>Reg:</i> SBT011102006

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>FCA069</i>	L	<i>FCA075</i>	RS
<i>FCA220</i>	IL	<i>FCA229</i>	P
<i>FCA105</i>	T	<i>FCA149</i>	J



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TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	Case: CAT18696 Date Received: 20-Jun-2008 Report Date: 01-Jul-2008 Report ID: 1259-6214-1337-0039
Cat: ABAYOMI SHIRAZ A MATAZZ YOB: 04 Breed: AB Sex: F	Reg: SBT011504016 Microchip: No
Sire: HILLSTBLUES BALLOU OF NIGHTMIS Dam: NIGHTMIST'S MALIBU CLASSIC	Reg: SBT070300040 Reg: SBT070301004

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
FCA069	K	FCA075	RS
FCA220	IL	FCA229	P
FCA105	T	FCA149	HJ



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PK DEFICIENCY AND IDENTITY MARKER REPORT

TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	<i>Case:</i> CAT18697 <i>Date Received:</i> 20-Jun-2008 <i>Report Date:</i> 01-Jul-2008 <i>Report ID:</i> 1067-2675-9876-0037
<i>Cat:</i> NIGHTMIST KIARA OF ABAYOMI <i>YOB:</i> 03 <i>Breed:</i> AB <i>Sex:</i> F	<i>Reg:</i> SBT032203041 <i>Microchip:</i> No
<i>Sire:</i> HILLSTBLUES BALLOU OF NIGHTMIS <i>Dam:</i> NIGHTMIST'S MALIBU CLASSIC	<i>Reg:</i> SBT070300040 <i>Reg:</i> SBT070301004

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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LOCUS	TYPE	LOCUS	TYPE
<i>FCA069</i>	KQ	<i>FCA075</i>	RS
<i>FCA220</i>	IL	<i>FCA229</i>	MP
<i>FCA105</i>	T	<i>FCA149</i>	HJ



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PK DEFICIENCY AND IDENTITY MARKER REPORT

TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	Case: CAT18698 Date Received: 20-Jun-2008 Report Date: 01-Jul-2008 Report ID: 4273-1584-5058-0086
Cat: ABAYOMI LIL NIALAL LION YOB: 05 Breed: AB Sex: F	Reg: SBT110505052 Microchip: No
Sire: HILLSTBLUES SOLITARY MAN OF AB Dam: ABAYOMI SHIRAZ A MATAZZ	Reg: SBT032503017 Reg: SBT011504016

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
FCA069	KL	FCA075	QR
FCA220	L	FCA229	OP
FCA105	RT	FCA149	HJ



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TRACY FASCIANA 2156 RINDALL AVE PORT COQUITLAM, BC CANADA, V3C 1V1	Case: CAT18699 Date Received: 20-Jun-2008 Report Date: 01-Jul-2008 Report ID: 1489-3347-3449-3015
Cat: HIGHGAIPTAWS MAJESTIC SHOMBAY YOB: 07 Breed: AB Sex: M	Reg: SBT021707043 Microchip: No
Sire: HIGHGAIPTAWS HEADLINER Dam: HIGHGIATPAWS RUMOR HAS IT	Reg: 360-1527370 Reg: 361-1591067

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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FCA069	L	FCA075	RS
FCA220	L	FCA229	P
FCA105	T	FCA149	HJ