



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

ODILE MARTIN 6 RUE DU DOCTEUR ARMAING 31830 PLAISANCE DU TOUCH, FRANCE FRANCE	Case: CAT60233 Date Received: 04-Nov-2013 Report Date: 06-Nov-2013 Report ID: 2955-4097-1528-1162 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: BANTÙ DE TSAVO DOB: 02/20/2011 Breed: NF Sex: M Microchip: 941000012943420	Reg: ASFE LO47568

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.

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	QS	FCA105	SU
FCA220	L	FCA223	GN
FCA678	JM	FCA698	TU



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PK DEFICIENCY AND IDENTITY MARKER REPORT

ODILE MARTIN 6 RUE DU DOCTEUR ARMAING 31830 PLAISANCE DU TOUCH, FRANCE FRANCE	Case: CAT60234 Date Received: 04-Nov-2013 Report Date: 06-Nov-2013 Report ID: 6097-6185-9397-8128 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: EVERTEAM DE LA FOLIDOKI DOB: 06/19/2009 Breed: NF Sex: F Microchip: 250269602652906	Reg: LOOF 2009.17407

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>	S	<i>FCA105</i>	S
<i>FCA220</i>	KL	<i>FCA223</i>	HV
<i>FCA678</i>	JN	<i>FCA698</i>	TZ



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PK DEFICIENCY AND IDENTITY MARKER REPORT

ODILE MARTIN 6 RUE DU DOCTEUR ARMAING 31830 PLAISANCE DU TOUCH, FRANCE FRANCE	Case: CAT60235 Date Received: 04-Nov-2013 Report Date: 06-Nov-2013 Report ID: 1185-1260-4350-8033 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: GLÖGG DE LA FOLIDOKI DOB: 09/05/2011 Breed: NF Sex: M Microchip: 250269604458712	Reg: LOOF 2011.24022

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>	S	<i>FCA105</i>	SU
<i>FCA220</i>	K	<i>FCA223</i>	GH
<i>FCA678</i>	JN	<i>FCA698</i>	TU



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PK DEFICIENCY AND IDENTITY MARKER REPORT

ODILE MARTIN 6 RUE DU DOCTEUR ARMAING 31830 PLAISANCE DU TOUCH, FRANCE FRANCE	Case: CAT60236 Date Received: 04-Nov-2013 Report Date: 06-Nov-2013 Report ID: 9557-4779-2434-6033 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: SAFIRA DE BOSQUEARAGON DOB: 10/24/2007 Breed: NF Sex: F Microchip: 981098100843236	Reg: ASFE LO 42847

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
FCA075	S	FCA105	ST
FCA220	KL	FCA223	HV
FCA678	JN	FCA698	AZ



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ODILE MARTIN 6 RUE DU DOCTEUR ARMAING 31830 PLAISANCE DU TOUCH, FRANCE FRANCE	Case: CAT60237 Date Received: 04-Nov-2013 Report Date: 06-Nov-2013 Report ID: 2679-3367-6731-6042 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Cat: GUINNESS DE LA FOLIDOKI DOB: 08/03/2011 Breed: NF Sex: F Microchip: 250269604464382	Reg: LOOF 2011.21827

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
FCA075	S	FCA105	S
FCA220	KL	FCA223	HV
FCA678	J	FCA698	TZ