



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

NATALIA VORONIANSKAYA RESCHANSKORSKAYA ST. KOSTOMYOR DUN, RUSSIA, 344041 RUSSIAN FEDERATION		Case: CAT64630 Date Received: 18-Apr-2014 Print Date: 21-Apr-2014 Report ID: 1297-6839-4174-3033 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: MARIEBENGAL ATAMAN OF BENGALDON DOB: 03/10/2013 Sex: Male Breed: Bengal Microchip: 952000000823479		Reg: SBT 031013 051
Sire: GOGEEES MAJOR HERITAGE Dam: MARIEBENGAL JUST AMAZING		Reg: SBT 071111 012 Reg: SBT 100811036

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

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	P	FCA220	J1/K
FCA223	GV	FCA678	MN
FCA698	WC		



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BENGAL PRA TEST REPORT

<p>NATALIA VORONIANSKAYA RUSSIAN FEDERATION</p>	<p>Case: CAT64630 Date Received: 18-Apr-2014 Print Date: 10-May-2016 Report ID: 1775-9964-6351-7091 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html</p>
<p>Cat: MARIEBENGAL ATAMAN OF BENGALDON Reg: SBT 031013 051 DOB: 03/10/2013 Sex: Male Breed: Bengal Microchip: 952000000823479 Color: Brown (black) spotted tabby</p>	
<p>Sire: GOGEEES MAJOR HERITAGE Reg: SBT 071111 012 Dam: MARIEBENGAL JUST AMAZING Reg: SBT 100811036</p>	

BENGAL PRA RESULT

N/N

Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal PRA.

For more detailed information on Bengal PRA results, please go to:
www.vgl.ucdavis.edu/services/cat/BengalPRA.php



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PK DEFICIENCY AND IDENTITY MARKER REPORT

NATALIA VORONIANSKAYA RUSSIAN FEDERATION		Case: CAT81882 Date Received: 18-Feb-2016 Print Date: 19-Feb-2016 Report ID: 3370-4989-9028-2019 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: OASISBENGALS FORBES DOB: 12/28/2013 Sex: Male Breed: Bengal Color: BROWN (BLACK) SPOTTED TABBY		Reg: SBT122813 022
Sire: RISINSUN HOT RAIN Dam: OASISBENGALS INSPIRATION		Reg: SBT 053112 066 Reg: SBT 092010 066

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

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	PR	FCA220	J1/L
FCA223	GU	FCA678	MN
FCA698	Uc		



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BENGAL PRA TEST REPORT

NATALIA VORONIANSKAYA RUSSIAN FEDERATION		Case: CAT81882 Date Received: 18-Feb-2016 Print Date: 09-May-2016 Report ID: 4472-7810-0306-4024 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: OASISBENGALS FORBES DOB: 12/28/2013 Sex: Male Breed: Bengal Color: BROWN (BLACK) SPOTTED TABBY		Reg: SBT122813 022
Sire: RISINSUN HOT RAIN Dam: OASISBENGALS INSPIRATION		Reg: SBT 053112 066 Reg: SBT 092010 066

BENGAL PRA RESULT

N/N

Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal PRA.

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PK DEFICIENCY AND IDENTITY MARKER REPORT

NATALIA VORONIANSKAYA БЕЩАНОВИЧОВСКАЯ RUSSIAN FEDERATION		Case: CAT69415 Date Received: 24-Sep-2014 Print Date: 26-Sep-2014 Report ID: 5458-0971-8157-0153 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: BENGALDON ENIGMA DOB: 05/27/2013 Sex: Female Breed: Bengal Microchip:		Reg: SBT 052713 052
Sire: SMILODON PHANTOM TWILIGHT Dam: MAGICCASTLE FURIA		Reg: RU-165-148/BEN/2010/LO Reg: AB-640/BEN/2008

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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*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

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	P	FCA220	L
FCA223	MU	FCA678	M
FCA698	Uc		



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BENGAL PRA TEST REPORT

NATALIA VORONIANSKAYA]] RUSSIAN FEDERATION	Case: CAT69415 Date Received: 24-Sep-2014 Print Date: 12-May-2016 Report ID: 1256-4883-5934-8055 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: BENGALDON ENIGMA Reg: SBT 052713 052 DOB: 05/27/2013 Sex: Female Breed: Bengal Color: Brown Spotted Tabby	
Sire: SMILODON PHANTOM TWILIGHT Reg: RU-165-148/BEN/2010/LO Dam: MAGICCASTLE FURIA Reg: AB-640/BEN/2008	

BENGAL PRA RESULT

N/N

Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal PRA.

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BENGAL PRA TEST REPORT

IRINA FEDOSOVA M. SHIMONOVA DO. 11 CITY VOLGOGRAD POSTAL CODE 40013 RUSSIAN FEDERATION	Case: CAT84802 Date Received: 16-May-2016 Print Date: 17-May-2016 Report ID: 4779-6768-5928-8028 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: SUNSTORM BRAVEHEART Reg: SBT 122813 036 DOB: 12/28/2013 Sex: Male Breed: Bengal	
Sire: ANJALI SHINING STAR OF SUNSTORM Reg: Dam: ANJALI ALL THAT GLITTERS Reg:	

BENGAL PRA RESULT

N/N

Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal PRA.

For more detailed information on Bengal PRA results, please go to:
www.vgl.ucdavis.edu/services/cat/BengalPRA.php

VET



ЛАБОРАТОРИЯ
ПОИСК

Независимая Ветеринарная Лаборатория «ПОИСК» Санкт-Петербург, Россия
Independent Veterinary Laboratory «POISK» Saint-Petersburg, Russia

Исследование/DNA test

Дефицит пируваткиназы кошек/Feline Pyruvate Kinase Deficiency (PK Deficiency)

Кличка/Registered Name: **SUNSTORM BRAVEHEART**

Порода/Breed: **бенгальская/Bengalian**

Дата рождения/Date of Birth: **28.12.2013**

Пол/Sex: **кот/male**

Номер РКФ/Registration Number:

Микрочип (клеймо)/Microchip (Tattoo) Number:

Идентификационный номер/Authentication Number: **96722**

Кошка здорова. This cat is CLEAR of PK Deficiency.

Интерпретация/Explanation of terms:

Генотип кошки представлен двумя аллелями дикого типа. У здоровых кошек дефицит пируваткиназы не разовьется как результат мутации, на которую проводилось исследование.

This cat has two normal copies of DNA. Clear cats will not develop PK Deficiency as a result of the mutation we are testing for.

Результат относится только к предоставленному образцу/Result only applies to sample supplied

Результат выдан/Result authorized by: **Д.Д. Крылова/Daria Krylova**

Материал получен/Sample received: **26.11.2015**

Образец/Sample tested: **буккальный эпителий/in swab**

Владелец/Owner: **Федосова Ирина Анатольевна/Fedosova I.**

Адрес/Adress: **F**

Симоняева стр. 20/11

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Независимая Ветеринарная Лаборатория «ПОИСК»

197375 Россия, Санкт-Петербург, улица Репищева, дом 13.

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