



VETERINARY GENETICS LABORATORY
 SCHOOL OF VETERINARY MEDICINE
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PK DEFICIENCY AND IDENTITY MARKER REPORT

LAURE GIBERTO 7, RUE GAESSEL KEHLEN, 8283 LUXEMBOURG	Case: CAT115425 Date Received: 03-Jun-2019 Print Date: 05-Jun-2019 Report ID: 4834-5286-8827-5066 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: OSIRISBENGAL ONYXSIA DOB: 07/27/2018 Sex: Female Breed: Bengal Microchip: 250269608131362 Color: Brown Rosetted Tabby	Reg: LOOF2019.2120
Sire: WILDNSWEET SKYE OF OSIRISBENGAL Dam: OSIRISBENGAL NMILLION	Reg: TICA SBT 050616 052 Reg: LOOF 2017.37387

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

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	PQ	FCA220	K
FCA223	MV	FCA678	JN
FCA698	Zc		



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BENGAL PRA TEST REPORT

<p>LAURE GIBERTO 7, RUE GAESSEL KEHLEN, 8283 LUXEMBOURG</p>	<p>Case: CAT115425 Date Received: 03-Jun-2019 Print Date: 05-Jun-2019 Report ID: 4467-7172-7663-4006 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p>
<p>Cat: OSIRISBENGAL ONYXSIA DOB: 07/27/2018 Sex: Female Breed: Bengal Microchip: 250269608131362 Color: Brown Rosetted Tabby</p>	<p>Reg: LOOF2019.2120</p>
<p>Sire: WILDNSWEET SKYE OF OSIRISBENGAL Dam: OSIRISBENGAL NMILLION</p>	<p>Reg: TICA SBT 050616 052 Reg: LOOF 2017.37387</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