



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

LAURE GIBERTO 7, RUE GAESSEL KEHLEN, 8283 LUXEMBOURG	Case: CAT115424 Date Received: 03-Jun-2019 Print Date: 05-Jun-2019 Report ID: 3511-4733-0070-4155 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: BENGALISSIMO BOO DOB: 08/06/2018 Sex: Female Breed: Bengal Microchip: 528210004831484 Color: Seal Mink Spotted Tabby	Reg: SBT 080618 007
Sire: CHAMPAGNE ON ICE VOM WEINBERG Dam: PRETTYDIAMOND NYSA	Reg: SBT 063016 068 Reg: SBT 042316 069

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	L
FCA223	UV	FCA678	JN
FCA698	Uc		



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BENGAL PRA TEST REPORT

LAURE GIBERTO 7, RUE GAESSEL KEHLEN, 8283 LUXEMBOURG	Case: CAT115424 Date Received: 03-Jun-2019 Print Date: 05-Jun-2019 Report ID: 5317-0309-2557-1031 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: BENGALISSIMO BOO DOB: 08/06/2018 Sex: Female Breed: Bengal Microchip: 528210004831484 Color: Seal Mink Spotted Tabby	Reg: SBT 080618 007
Sire: CHAMPAGNE ON ICE VOM WEINBERG Dam: PRETTYDIAMOND NYSA	Reg: SBT 063016 068 Reg: SBT 042316 069

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