



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

TELEPHONE: (530) 752-2211
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PK DEFICIENCY AND IDENTITY MARKER REPORT

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|--|---|
| <p>BARBRA WALTERS</p> | <p>Case: CAT114213</p> <p>Date Received: 15-Apr-2019</p> <p>Print Date: 16-Apr-2019</p> <p>Report ID: 8612-3800-8292-7088</p> <p>Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p> |
| <p>Cat: MAJESTICPRIDE FROSTED CASCADE Reg: SBT 030416 054</p> <p>DOB: 03/04/2016 Sex: Male Breed: Bengal Color: brown/black spotted tabby</p> | |
| <p>Sire: MAJESTICPRIDE COOLIO Reg: SBT 052009 008</p> <p>Dam: MAJESTICPRIDE PETRA Reg: SBT 032412 014</p> | |

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

| LOCUS | TYPE | LOCUS | TYPE |
|---------------|------|---------------|------|
| <i>FCA075</i> | PR | <i>FCA220</i> | KM |
| <i>FCA223</i> | GM | <i>FCA678</i> | N |
| <i>FCA698</i> | U | | |



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BENGAL PRA TEST REPORT

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|---|----------------------------|----------------------------|
| BARBRA WALTERS | Case: | CAT114213 |
| | Date Received: | 15-Apr-2019 |
| | Print Date: | 16-Apr-2019 |
| | Report ID: | 8398-9929-6260-7102 |
| Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm | | |
| Cat: MAJESTICPRIDE FROSTED CASCADE | | Reg: SBT 030416 054 |
| DOB: 03/04/2016 Sex: Male Breed: Bengal Color: brown/black spotted tabby | | |
| Sire: MAJESTICPRIDE COOLIO | Reg: SBT 052009 008 | |
| Dam: MAJESTICPRIDE PETRA | Reg: SBT 032412 014 | |

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