



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>TABITHA GITTHENS PO BOX 3115 NAMPA, ID 83653</p> | <p>Case: CAT120008 Date Received: 11-Dec-2019 Print Date: 13-Dec-2019 Report ID: 9633-7394-5853-7033 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p> |
| <p>Cat: SPOTTED ENVY GIRL Reg: DOB: 09/24/2019 Sex: Female Breed: Bengal Color: Brown Spotted</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> | PT | <i>FCA220</i> | KM |
| <i>FCA223</i> | EW | <i>FCA678</i> | JM |
| <i>FCA698</i> | Zc | | |



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BENGAL PRA TEST REPORT

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| TABITHA GITTHENS PO BOX 3115 NAMPA, ID 83653 | Case: CAT120008 Date Received: 11-Dec-2019 Print Date: 13-Dec-2019 Report ID: 7357-5109-4588-4199 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm |
| Cat: SPOTTED ENVY GIRL <i>Reg:</i> DOB: 09/24/2019 <i>Sex: Female</i> <i>Breed: Bengal</i> <i>Color: Brown Spotted</i> | |

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**