



VETERINARY GENETICS LABORATORY
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PK DEFICIENCY AND IDENTITY MARKER REPORT

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| GUILLAUME GUY 2114 DEZERY MONTREAL H1W 2S2 CANADA | Case: CAT79259 Date Received: 28-Oct-2015 Print Date: 30-Oct-2015 Report ID: 1300-4134-0719-5171 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html |
| Cat: CAPUCINE DOB: 02/28/2015 Sex: Female Breed: Bengal Microchip: 939000001541723 Color: Brown | Reg: SBT022815029 |
| Sire: CHRONOS Dam: GEISHA1 | Reg: SBT012614006 Reg: SBT061012059 |

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

| LOCUS | TYPE | LOCUS | TYPE |
|--------|------|--------|------|
| FCA075 | P | FCA220 | L |
| FCA223 | GM | FCA678 | MN |
| FCA698 | U | | |