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## PK DEFICIENCY AND IDENTITY MARKER REPORT

|   |   |
|---|---|
| GINA RICE<br>24354 MCCLURE DRIVE<br>MAPLE RIDGE, BC V2W 2E6<br>CANADA   | <b>Case:</b> <b>CAT98433</b><br><b>Date Received:</b> 29-Aug-2017<br><b>Print Date:</b> 30-Aug-2017<br><b>Report ID:</b> 6726-1784-3044-4104<br>Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a> |
| <b>Cat:</b> SUNSTORM PERIDOT HEART OF JEMSTONES<br><b>DOB:</b> 03/04/2017 <b>Sex:</b> Male <b>Breed:</b> Bengal <b>Microchip:</b> 981020000272015 <b>Color:</b> Brown Spotted | <b>Reg:</b> SBT 030417 015  |
| <b>Sire:</b> ANJALI SHINING STAR OF SUNSTORM<br><b>Dam:</b> SUNSTORM SANTINA  | <b>Reg:</b> SBT 110211 028<br><b>Reg:</b> SBT 062415 011  |

## 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](http://www.vgl.ucdavis.edu/services/pkdeficiency.php)

## IDENTITY MARKERS

| LOCUS         | TYPE | LOCUS         | TYPE |
|---------------|------|---------------|------|
| <i>FCA075</i> | PS   | <i>FCA220</i> | J1/L |
| <i>FCA223</i> | UV   | <i>FCA678</i> | M    |
| <i>FCA698</i> | UW   |               |      |