PK DEFICIENCY AND IDENTITY MARKER REPORT

TERESA SWEENEY  
2461 BIRCH BARK TRAIL  
GROVE CITY, OH 43123

Case: CAT95499  
Date Received: 26-May-2017  
Print Date: 30-May-2017  
Report ID: 6931-9797-3338-2042  
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: HIGHLANDER ANGELICA  
Reg: 
DOB: 07/11/2016  Sex: Female  Breed: Maine Coon  Color: brown mackeral tabby

Sire: FOREST PEARL DAVID OF HIGHLANDER  
Reg: 
Dam: SARAJEN FRANGELICA OF HIGHLANDER  
Reg: 

PYRUVATE KINASE DEFICIENCY TEST RESULT

<table>
<thead>
<tr>
<th>LOCUS</th>
<th>TYPE</th>
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<tbody>
<tr>
<td>FCA075</td>
<td>S</td>
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<tr>
<td>FCA223</td>
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<td>FCA698</td>
<td>SZ</td>
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Identity Markers

<table>
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<tr>
<td>FCA220</td>
<td>L</td>
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<tr>
<td>FCA678</td>
<td>MP</td>
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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