



VETERINARY GENETICS LABORATORY  
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**PK DEFICIENCY AND IDENTITY MARKER REPORT**

TERESA SWEENEY 2461 BIRCH BARK TRAIL GROVE CITY, OH 43123	<b>Case:</b> <b>CAT95499</b> <b>Date Received:</b> 26-May-2017 <b>Print Date:</b> 30-May-2017 <b>Report ID:</b> 6931-9797-3338-2042 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> HIGHLANDER ANGELICA DOB: 07/11/2016 Sex: Female Breed: Maine Coon Color: brown mackerel tabby	<b>Reg:</b>
Sire: FOREST PEARL DAVID OF HIGHLANDER Dam: SARAJEN FRANGELICA OF HIGHLANDER	<b>Reg:</b> <b>Reg:</b>

**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
FCA075	S	FCA220	L
FCA223	QW	FCA678	MP
FCA698	SZ		