



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

GREG STAPLES 1014 SNIDER'S BAY ROAD GRAVENHURST ONTARIO P1P 1R2 CANADA	<b>Case: CAT101729</b> <b>Date Received: 27-Dec-2017</b> Print Date: 29-Dec-2017 Report ID: 2825-5232-0020-7162 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
Cat: <b>MINOOS BENJAMINA GUNN</b> Reg: <b>Pending</b> DOB: <b>09/15/2017</b> Sex: <b>Female</b> Breed: <b>Maine Coon</b> Color: <b>Brown Classic with white</b>	
Sire: RAYDUSOLEIL STACKER PENTECOST Reg: SBT 012916 014 Dam: MINOOS TUPPENCE VANDERPLUME Reg: MCO12XXX2-50790	

**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>	S	<i>FCA220</i>	L
<i>FCA223</i>	QW	<i>FCA678</i>	J
<i>FCA698</i>	NS		