



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

JAMES RANKIN 111 E. BROADWAY SAND SPRINGS, OK 74063		<b>Case:</b> <b>CAT119813</b> <b>Date Received:</b> 03-Dec-2019 <b>Print Date:</b> 04-Dec-2019 <b>Report ID:</b> 5235-1904-9367-6155 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a>
<b>Cat:</b> JOY DOB: 03/28/2019 Sex: Female Breed: Abyssinian Microchip: 643094100639842 Color: Ruddy	<b>Reg:</b>	
Sire: ACHIVAS Dam: CHELMI'S OLIVIA	Reg: RU-0164-011 Reg: Farus/ZP 4345	

**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**

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	R	FCA220	L
FCA223	NU	FCA678	KP
FCA698	Uc		