



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

JANET RENNECKER 15038 HESTA ST POWAY, CA 92064	<b>Case:</b> <b>CAT75001</b> <b>Date Received:</b> 22-May-2015 <b>Print Date:</b> 26-May-2015 <b>Report ID:</b> 7765-6271-5510-2075 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat: SEAL LYNX MALE (MAX)</b> <span style="float: right;"><b>Reg:</b></span> <b>DOB: 02/16/2015</b> <b>Sex: Male</b> <b>Breed: Bengal</b> <b>Microchip:</b> <b>Color: snow</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: [www.vgl.ucdavis.edu/services/pkdeficiency.php](http://www.vgl.ucdavis.edu/services/pkdeficiency.php)

\*If your cat is diagnosed as homozygous for PK deficiency, we recommend that you contact your veterinarian for information on disease progression and management.

**IDENTITY MARKERS**

LOCUS	TYPE	LOCUS	TYPE
FCA075	P	FCA220	KL
FCA223	VW	FCA678	N
FCA698	Ua		