



VETERINARY GENETICS LABORATORY  
SCHOOL OF VETERINARY MEDICINE  
ONE SHIELDS AVENUE  
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211  
FAX: (530) 752-3556

## PK DEFICIENCY AND IDENTITY MARKER REPORT

GUILLAUME GUY 2114 DEZERY MONTREAL HIW 2S2 CANADA	<b>Case:</b> <b>CAT93593</b> <b>Date Received:</b> 24-Mar-2017 <b>Print Date:</b> 27-Mar-2017 <b>Report ID:</b> 1144-0061-6717-4015 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> ANGELIQUE <b>DOB:</b> 08/04/2016 <b>Sex:</b> Female <b>Breed:</b> Bengal <b>Microchip:</b> 900250000417002 <b>Color:</b> Brown spotted tabby	<b>Reg:</b> SBT 080416 021

## 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	PT	FCA220	J1/L
FCA223	MV	FCA678	JM
FCA698	Uc		