



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

TELEPHONE: (530) 752-2211  
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**PK DEFICIENCY AND IDENTITY MARKER REPORT**

NIKOLETTA NEMETH OUDE POLDERWEG 159 2493 BD DEN HAAG NETHERLANDS	<b>Case:</b> <b>CAT85068</b> <b>Date Received:</b> 24-May-2016 <b>Print Date:</b> 26-May-2016 <b>Report ID:</b> 6336-1934-9212-3062 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> <b>BOY</b> <b>DOB:</b> <b>05/08/2016</b> <b>Sex:</b> <b>Male</b> <b>Breed:</b> <b>Bengal</b> <b>Color:</b> <b>black tabby spotted</b>	<b>Reg:</b>
<b>Sire:</b> RISNSUN CAVIAR <b>Dam:</b> LAMBORGHINA OF DRESSYCATS	<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: [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	PS	FCA220	J1/M
FCA223	GU	FCA678	M
FCA698	c		



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## BENGAL PRA TEST REPORT

NIKOLETTA NEMETH OUDE POLDERWEG 159 2493 BD DEN HAAG NETHERLANDS	<b>Case:</b> <b>CAT85068</b> <b>Date Received:</b> 24-May-2016 <b>Print Date:</b> 26-May-2016 <b>Report ID:</b> 5127-2923-1338-6071 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> <b>BOY</b> <b>DOB:</b> <b>05/08/2016</b> <b>Sex:</b> <b>Male</b> <b>Breed:</b> <b>Bengal</b> <b>Color:</b> <b>black tabby spotted</b>	<b>Reg:</b>
<b>Sire:</b> RISNSUN CAVIAR <b>Dam:</b> LAMBORGHINA OF DRESSYCATS	<b>Reg:</b> <b>Reg:</b>

## BENGAL PRA RESULT

N/PRA

### Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal PRA.

For more detailed information on Bengal PRA results, please go to:  
[www.vgl.ucdavis.edu/services/cat/BengalPRA.php](http://www.vgl.ucdavis.edu/services/cat/BengalPRA.php)