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## PK DEFICIENCY AND IDENTITY MARKER REPORT

ANDREA A. S. VAN ELMPT VAALRIVIERSTRAAT 10A 1091 PD AMSTERDAM THE NETHERLANDS NETHERLANDS	<b>Case:</b> <b>CAT87154</b> <b>Date Received:</b> 25-Jul-2016 <b>Print Date:</b> 26-Jul-2016 <b>Report ID:</b> 7101-2528-9834-4075 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> HIGHGAITPAWS UP2U OF DETREVANDE <b>DOB:</b> 04/13/2015 <b>Sex:</b> Male <b>Breed:</b> Abyssinian <b>Microchip:</b> 985 112 005 200 102 <b>Color:</b> Ruddy	<b>Reg:</b> CFA 0380-02066386
<b>Sire:</b> DETREVANDE'S JESSE OF HIGHGAITPAWS <b>Dam:</b> HIGHGAITPAWS PERFECT STORM	<b>Reg:</b> MU.LO13.ABY.026.3 <b>Reg:</b> CFA 0387-02039708

## 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
<i>FCA075</i>	S	<i>FCA220</i>	L
<i>FCA223</i>	MN	<i>FCA678</i>	JK
<i>FCA698</i>	Ta		