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## PK DEFICIENCY AND IDENTITY MARKER REPORT

PAULA ERIKSSON FOLSKOLEGATAN 6, 2TR, PK6450, 1202 117 35 STOCKHOLM SWEDEN	<b>Case:</b> <b>CAT73505</b> <b>Date Received:</b> 24-Mar-2015 <b>Print Date:</b> 30-Mar-2015 <b>Report ID:</b> 0401-3960-7984-3148 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> SE*KAKKOÏ BURE <b>DOB:</b> 01/03/2015 <b>Sex:</b> Male <b>Breed:</b> La Perm <b>Microchip:</b> <b>Color:</b>	<b>Reg:</b>
<b>Sire:</b> S*ÄGIRSHUS BC PAN <b>Dam:</b> S*ANAMIACAT'S FREJA	<b>Reg:</b> (SE) Sverak RX 297337 <b>Reg:</b> (SE) Sverak RX 289847

## 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	IK
FCA223	V	FCA678	JK
FCA698	c		