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## PK DEFICIENCY AND IDENTITY MARKER REPORT

ROSEANNE FORSLUND RADHUSGATAN 39 A SUNDSVALL, 852 32 SWEDEN	<b>Case:</b> <b>CAT64163</b> <b>Date Received:</b> 01-Apr-2014 <b>Print Date:</b> 04-Apr-2014 <b>Report ID:</b> 5977-4896-3515-1059 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> S*BJARO'S HARALD BLÅTAND	<b>Reg:</b> LO 250400
DOB: 11/01/2008 Sex: Male Breed: Siberian Cat Microchip: 752098100434411	
Sire: DK*MELDGAARD NIKOLAZ	Reg: LO 235064
Dam: S*KNEPH'S SILVER FIZZ	Reg: LO 204293

## 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	RS	FCA220	L
FCA223	DQ	FCA678	K
FCA698	TZ		