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## PK DEFICIENCY AND IDENTITY MARKER REPORT

ROSEANNE FORSLUND RADHUSGATAN 39 A SUNDSVALL, 852 32 SWEDEN	<b>Case:</b> <b>CAT47936</b> <b>Date Received:</b> 06-Aug-2012 <b>Print Date:</b> 04-Apr-2014 <b>Report ID:</b> 5887-4219-1363-7199 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> IC S*KAZOL'S FROKEN JASMINE	<b>Reg:</b> (SE) LO269357
<b>DOB:</b> 07/13/2010 <b>Sex:</b> Female <b>Breed:</b> Siberian Cat <b>Microchip:</b> 752098100519604	
<b>Sire:</b> GIC S*BJARO'S HARALD BLATAND	<b>Reg:</b> (SE)LO250400
<b>Dam:</b> S*NIKOPEJA'S HIRAM CHUDO	<b>Reg:</b> (SE)LO220447

## 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	PR	FCA220	L
FCA223	DH	FCA678	KN
FCA698	T		