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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: CAT56965</b> <b>Date Received: 15-Jul-2013</b> <b>Report Date: 23-Jan-2014</b> <b>Report ID: 3113-3015-9078-9071</b> Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat: DETREVANDE'S JADEN</b> <b>DOB: 06/14/2013</b> <b>Breed: AB</b> <b>Sex: F</b> <b>Microchip: 528246002178977</b>	<b>Reg: (NL) MU.LO13.ABY.026.1</b>
<b>Sire: HELIOS DE SHAKIRI</b> <b>Dam: GALOUBIE KOSCHKA'S RUDDY SAFRA</b>	<b>Reg: LOOF 2012.12428</b> <b>Reg: (NL) MU.LO12.ABY 004.4</b>

**PYRUVATE KINASE DEFICIENCY TEST RESULT**

N/K

**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

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	QS	FCA220	L
FCA223	N	FCA678	K
FCA698	Ta		