UNIVERSITY OF CALIFORNIA, DAVIS

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VETERINARY GENETICS LABORATORY
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PK DEFICIENCY AND IDENTITY MARKER REPORT

ANDREA A. S. VAN ELMPT
VAALRIVIERSTRAAT 10A
1091 PD AMSTERDAM
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NETHERLANDS

Case: **CAT64149**
Date Received: 01-Apr-2014
Print Date: 04-Apr-2014
Report ID: 3524-3489-8036-7195
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **DETREVANDE'S KEEPING UP APPEARANCES** *Reg:* **(NL) MU.LO13.ABY.035.1**

DOB: **07/17/2013** *Sex:* **Female** *Breed:* **Abyssinian** *Microchip:* **528246002387971**

Sire: HELIOS DE SHAKIRI *Reg:* LOOF 2012.12428
Dam: DETREVANDE'S CRAZY LIL' THING *Reg:* MU.L09.ABY.013.2

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

*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	QR	*FCA220*	L
FCA223	MN	*FCA678*	K
FCA698	T		