UNIVERSITY OF CALIFORNIA, DAVIS

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VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8744

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PK DEFICIENCY AND IDENTITY MARKER REPORT

GREG STAPLES
1014 SNIDER'S BAY ROAD
GRAVENHURST ONTARIO P1P 1R2
CANADA

Case: **CAT87523**
Date Received: 08-Aug-2016
Print Date: 09-Aug-2016
Report ID: 1589-6810-4464-6015
Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: **RAYDUSOLEIL STACKER PENTECOST OF MINOOS** *Reg:* **SBT 012916 014**

DOB: **01/29/2016** *Sex:* **Male** *Breed:* **Maine Coon** *Color:* **Brown Classic Tabby and White**

Sire: HONOR VILLA PARK PL OF RAYDUSOLEIL *Reg:* SBT 062214 056
Dam: TRISKEL AMY OF RAYDUSOLEIL *Reg:* SBT 110412 033

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 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	S	*FCA220*	L
FCA223	GW	*FCA678*	J
FCA698	S		