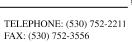
# UNIVERSITY OF CALIFORNIA, DAVIS

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# PK DEFICIENCY AND IDENTITY MARKER REPORT

TERESA SWEENEY 2461 BIRCH BARK TRAIL GROVE CITY, OH 43123

Case: CAT68257

Date Received: 18-Aug-2014

Print Date: 20-Aug-2014

**Report ID:** 3738-8703-9632-7039

Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Cat: HIGHLANDER AMAZING GRACE

Reg:

DOB: 04/29/2013 Sex: Female Breed: Maine Coon Microchip:

# 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
FCA075	S
FCA223	UW
FCA698	Т

LOCUS	TYPE
FCA220	L
FCA678	JK