

# UNIVERSITY OF CALIFORNIA, DAVIS

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SANTA BARBARA • SANTA CRUZ

## PK DEFICIENCY AND IDENTITY MARKER REPORT

FILKOVA KATERINA DYKOVA 311 MARIANSKE LAZNE 35301 CZECH REPUBLIC	<b>Case:</b> <b>CAT56343</b> <b>Date Received:</b> 19-Jun-2013 <b>Report Date:</b> 21-Jun-2013 <b>Report ID:</b> 1778-7500-3161-0055 Verify report at <a href="https://www.vgl.ucdavis.edu/myvgl/verify.html">https://www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> MIKE CATAMORIS <b>DOB:</b> 10/24/2012 <b>Breed:</b> BG <b>Sex:</b> M <b>Microchip:</b> 203098100339294	<b>Reg:</b>

## 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	OP	FCA220	L
FCA223	NU	FCA678	KN
FCA698	Ua		