

# UNIVERSITY OF CALIFORNIA, DAVIS

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## PK DEFICIENCY AND IDENTITY MARKER REPORT

ZSUZSANNA FABIANNE HORVATH HAJNAL U. 17. PECS, 7627 HUNGARY	<b>Case:</b> CAT80282 <b>Date Received:</b> 10-Dec-2015 <b>Print Date:</b> 14-Dec-2015 <b>Report ID:</b> 4252-2274-0702-9020 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> PRASLIN CHERRY	<b>Reg:</b> SBT 021315 004
<b>DOB:</b> 02/13/2015 <b>Sex:</b> Female <b>Breed:</b> Bengal <b>Microchip:</b> 528210004220042 NLD <b>Color:</b> brown (black) spotted tabby	

## 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

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
FCA075	PS	FCA220	J1/L
FCA223	GU	FCA678	M
FCA698	Zc		