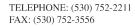
# UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO

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





# PK DEFICIENCY AND IDENTITY MARKER REPORT

SARA VEGA CAT46041 Case: TOBALABA 1815 Date Received: 31-May-2012 7510447 Report Date: 05-Jun-2012 **CHILE** 6994-2503-4777-7044 Report ID: Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html Cat: BAYOFOXES CHRONOS OF PERBAST Reg: SBT 052611 022 DOB: **05/26/2011** Breed: SO Sex: M Microchip: 981020005217011 Sire: DAM Reg: SBT 100408 020 Dam' SIRE Reg: SBV 032207013

# PYRUVATE KINASE DEFICIENCY TEST RESULT

# N/N

#### Result Codes:

N/N	no copies of PK deficiency, cat is normal
NÆ	1 copy of PK deficiency, cat is normal but is a carrier
KK	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 hemolytic anemia that occurs in Abyssinian, Somali and some domestic shorthair cats. This condition is inherited as an autosomal recessive. Breedings between carriers will be expected to produce 25% affected kittens.

\*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
FCAO69	KL	FCA075	QS
FCA220	IL	FCA678	J
FCA698	A	FCA223	GN