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PK DEFICIENCY AND IDENTITY MARKER REPORT

VALERIE WALTER 303 WYNFIELD FOREST DR SUMMERVILLE, SC 29485	Case: CAT70231 Date Received: 23-Oct-2014 Print Date: 27-Oct-2014 Report ID: 0795-0391-1165-7144 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: BLACK TORTIE DOB: 09/07/2014 Sex: Female Breed: Maine Coon Microchip:	Reg: 5 week old kitten
Sire: OREO SILVI COLA OF TRIBALCATS Dam: DREAMCOONS VIVIENNE OF TRIBALCATS	Reg: Reg:

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	LOCUS	TYPE
FCA075	S	FCA220	L
FCA223	QW	FCA678	JK
FCA698	NS		