



VETERINARY GENETICS LABORATORY
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PK DEFICIENCY AND IDENTITY MARKER REPORT

SUSAN BROOKS 71 WALLISDEAN AVENUE FAREHAM PO14 1HS UNITED KINGDOM	Case: CAT40688 Date Received: 26-Sep-2011 Report Date: 30-Sep-2011 Report ID: 1573-7917-8074-9071
Cat: MYA DOB: 07/12/2010 Breed: BG Sex: F Microchip: 985170000821882	Reg: 071210051
Sire: FORESTGEMS CAVA OF ARTWORKS Dam: BAMBINO SWEETHEART	Reg: 020308016 TICA Reg: 033009086 TICA

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 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
FCA069	NO	FCA075	P
FCA220	LM	FCA229	N
FCA678	N	FCA698	Uc