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PK DEFICIENCY AND IDENTITY MARKER REPORT

ANDREA A. S. VAN ELMPT VAALRIVIERSTRAAT 10A 1091 PD AMSTERDAM NETHERLANDS	Case: CAT20974 Date Received: 21-Oct-2008 Report Date: 27-Oct-2008 Report ID: 6078-5980-7714-6028
Cat: HIGHGAITPAWS I'M IVY OF DETREVANDE YOB: 08 Breed: AB Sex: F	Reg: Microchip: 528246000247600
Sire: HIGHGAITPAWS TAKACHANCE Dam: HIGHGAITPAWS BLUE BOM	Reg: 03601478830 Reg: 0385-1603363

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	KL	FCA075	S
FCA220	L	FCA229	P
FCA105	ST	FCA149	J