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PK DEFICIENCY AND IDENTITY MARKER REPORT

MONIQUE BLANKEVOORT 1E MUGGENBEEKLAAN 1 9619TA FROOMBOSCH NETHERLANDS	Case: CAT42737 Date 22-Dec-2011 Report Date: 10-Jan-2012 Report ID: 8359-9570-7452-8048
Cat: SPOTS OF GOLD GYPSY GEM OF DOB: 06/06/2010 Breed BG Sex: F Microchi	Reg: SBT 060610 002
Sire: NEWLEAF BADACIOUS BO JANGLES Dam: NEWLEAF ABRACADABRA	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

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	LN	FCA075	P
FCA220	H1 / L	FCA229	NP
FCA678	MN	FCA698	UZ