



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

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

PK DEFICIENCY AND IDENTITY MARKER REPORT

MIRELA PETCU STR. BAICULESTI 17, BL. C13, SC. A, AP. 28 BUCURESTI, SECTOR 1, 013191 ROMANIA	Case: CAT39891 Date Received: 30-Aug-2011 Report Date: 01-Sep-2011 Report ID: 0877-4083-7900-1148
Cat: US*SENTOSA'S TENGU MAHKOTA DOB: 09/20/2007 Breed: SG Sex: M Microchip: 982009105621064	Reg: 2700-1629231
Sire: CATERA SHISON YOSHIHITO OF SENTOSA Dam: CH CATERA'S LACEY	Reg: 2700-1443889 Reg: 2701-1516767

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	MQ	FCA075	R
FCA220	L	FCA229	P
FCA678	J	FCA698	ac



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Cat: BEAUTYMUS LITTLE MISS SUNSHINE DOB: 09/05/2008 Breed: SG Sex: F Microchip: 982009106695990	Reg: 2701-1662334
Sire: SPOOKIPAWZ BILLY OF BEAUTYMUS Dam: SING-SING PURRLY GIRLY	Reg: 2700-1563131 Reg: 2701-1515587

PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

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