



VETERINARY GENETICS LABORATORY
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PKD1 AND IDENTITY MARKER REPORT

LOREDANA CIGOLINI VIA SALVATORE QUASIMODO 3/A 43039 SALSOMAGGIORE TERME (PR) ITALY	Case: CAT65817 Date Received: 27-May-2014 Print Date: 29-May-2014 Report ID: 8930-9907-5641-3168 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: IC CHEERS BEAUTY'S TIFFANY DOB: 01/03/2012 Sex: Female Breed: Birman Microchip: 380260040562892	Reg:
Sire: IC WHITE TREASURE'S EASY TO LOVE Dam: GIC CHEERS BEAUTY'S RAIKA NOELLE	Reg: DK FD 175318 IT 103741

PKD1 TEST RESULT

N/N

Result Codes:

N/P = Affected 1 copy of the PKD1 gene, cat has or will develop PKD. Severity of symptoms cannot be predicted*

N/N = Normal Does not possess the disease-causing PKD1 gene.

The disease is inherited as an autosomal dominant trait, which means that a heterozygote (N/P) bred to a normal (N/N) will result in approximately half of the offspring being affected and half being normal. There are no observed homozygous affected (P/P), which suggests that the mutation is embryonic lethal. The test indicates the presence or absence of the stop mutation in the feline PKD1 gene caused by a cytosine to adenine transversion. This mutation causes feline polycystic kidney disease (PKD), which is characterized by renal, hepatic and pancreatic cysts. *If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	O	FCA220	L
FCA223	MS	FCA678	JM
FCA698	QV		

DNA ANALYSIS CERTIFICATE

IC CHEERS BEAUTY'S TIFFANY

Breed: Birman
Sex: Female
Color: RED TABBY POINT
DOB: 01/03/2012
Reg:
Microchip: 380260040562892

Case: CAT65817
Print Date: May 29, 2014
Report ID: 8930-9907-5641-3168

PKD1 Result
N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel
O L M J Q F C A F C A A A A A 0 2 3 8 8 L S M V O



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