



VETERINARY GENETICS LABORATORY
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PKD1 AND PERSIAN DERIVED PRA REPORT

LOREDANA CIGOLINI VIA SALVATORE QUASIMODO 3/A 43039 SALSOMAGGIORE TERME (PR) ITALY	Case: CAT79319 Date Received: 29-Oct-2015 Print Date: 02-Nov-2015 Report ID: 0455-7479-2196-9082 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: SALOME' DOB: 07/23/2011 Sex: Male Breed: Birman Microchip: 380260040939373 Color: LILAC POINT	Reg: IT ANFI LO 108612
Sire: EDEN DE MATIFLOR Dam: OLIVIA	Reg: FR FFF LO 882 Reg: IT ANFI LO 91751

PKD1 Result	PRA-pd Result
N/N	Not Requested

PKD1 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.

*If your cat tests positive for PKD1, we recommend that you contact your veterinarian for information on disease progression and management.

PRA-pd Result Codes:

- N/N N/N - Normal - no copies of the PRA-pd mutation.
- N/PRApd Carrier - 1 copy of the PRA-pd mutation; vision appears normal. Breeding between carriers is expected to produce 25% affected kittens.
- PRApd/PRApd Affected - 2 copies of the PRA-pd mutation; cat will go blind.

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA075	Q	FCA220	LM
FCA223	MW	FCA678	JM
FCA698	bc		

DNA ANALYSIS CERTIFICATE

SALOME'

Breed: Birman
Sex: Male
Color: LILAC POINT
DOB: 07/23/2011
Reg: IT ANFI LO 108612
Alt. ID: 380260040939373

Case: CAT79319
Print Date: November 2, 2015
Report ID: 0455-7479-2196-9082

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

Identity Panel
Q L M J b F C A 6 9 8 A 2 3 7 8 0 3 M C 5 M C Q



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