



VETERINARY GENETICS LABORATORY
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PKD1 AND PERSIAN DERIVED PRA REPORT

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| LOREDANA CIGOLINI VIA SALVATORE QUASIMODO 3/A 43039 SALSOMAGGIORE TERME (PR) ITALY | Case: CAT79317 Date Received: 29-Oct-2015 Print Date: 02-Nov-2015 Report ID: 1122-1165-5246-0157 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html |
| Cat: ZENZERO OCCHI DI ZAFFIRO DOB: 04/29/2014 Sex: Male Breed: Birman Microchip: 985170000461322 Color: BLU POINT | Reg: IT ANFI LO 121450 |
| Sire: CHEERS BEAUTY'S TOPAZIO Dam: VODKA OCCHI DI ZAFFIRO | Reg: IT ANFI LO 111238 Reg: IT ANFI LO 114349 |

| 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 | OQ | FCA220 | L |
| FCA223 | SU | FCA678 | M |
| FCA698 | bc | | |

DNA ANALYSIS CERTIFICATE

ZENZERO OCCHI DI ZAFFIRO

Breed: Birman
Sex: Male
Color: BLU POINT
DOB: 04/29/2014
Reg: IT ANFI LO 121450
Alt. ID: 985170000461322

Case: CAT79317
Print Date: November 2, 2015
Report ID: 1122-1165-5246-0157

PKD1 Result

N/N

Does not possess the disease-causing PKD1 gene.

Identity Panel

| | | | | |
|--------|--------|--------|--------|--------|
| O | L | S | M | b |
| FCA075 | FCA220 | FCA223 | FCA678 | FCA998 |
| Q | L | U | M | C |



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