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**PROGRESSIVE RETINAL ATROPHY (PRA) REPORT**

SABIN J. BIZKARRALEGORRA-BRAVO [REDACTED] E-48011 BILBO - BIZKAIA - BASQUE SPAIN	<b>Case:</b> CAT85628 <b>Date Received:</b> 09-Jun-2016 <b>Print Date:</b> 13-Jun-2016 <b>Report ID:</b> 8378-7060-5785-8040 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
<b>Cat:</b> ABUSIR INSALAH DOB: 03/28/2015 Sex: Male Breed: Abyssinian Microchip: 276095610039371	<b>Reg:</b> (NL) MU.LO15.ABY.012.2
Sire: CH BONJOUR L'AMOUR TULICREME Dam: ABUSIR SAVANNA II	Reg: FIFe (PT) CPF LO 016470 Reg: FIFe (NL) MU.LO13.ABY.018.2

PRA-CEP290 Result	PRA-CRX Result
N/N	N/N

**Result Codes for PRA-CEP290:**

- N/N Normal, cat does not have rdAc mutation\*
- N/rdAc Carrier, cat has one copy of rdAc mutation. Breeding between carriers is expected to produce 25% affected kittens
- rdAc/rdAc Affected

rdAc is a progressive retinal atrophy that causes late-onset blindness.\* Affected cats are born with normal vision, show retinal degeneration at about 7 months and are blind by age 3-5 years. The condition is inherited as an autosomal recessive, and there is no treatment. \* This test only detects the mutation in the CEP290 gene known to cause PRA-rdAc in Abyssinian, Somali, Ocicat, Siamese and related breeds, American Curl, American Wirehair, Bengal, Cornish Rex, Munchkin, Singapura and Tonkinese.

**Result Codes for PRA-CRX**

- N/N Normal, cat does not have Rdy mutation\*\*
- N/Rdy Affected, cat has one copy of the Rdy mutation. This cat will produce affected kittens 50% of the time when bred to a normal cat, or 75% of the time when bred to another cat with one copy of the Rdy mutation.
- Rdy/Rdy Affected, cat will always produce affected kittens.

Rdy is an early-onset retinopathy caused by a defective protein that is critical for eye development.\*\* Affected kittens display dilated pupils and sluggish pupillary reflexes around 2 weeks of age and often become blind by about 7 weeks of age. The condition is inherited as an autosomal dominant trait, and there is no treatment. \*\* This test only detects the mutation in the CRX gene known to cause PRA-Rdy in Abyssinian and Somali breeds.

*The following veterinarian certifies that he collected and sealed the samples and that has verified these results:*

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