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PROGRESSIVE RETINAL ATROPHY (PRA) REPORT

ANITA VAN DEN BRINK KASTANJELAAN 30 3927 AP RENSWOUDE NETHERLANDS	Case: CAT73339 Date Received: 16-Mar-2015 Print Date: 17-Mar-2015 Report ID: 1121-7779-0607-4119 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
<i>Cat:</i> ONYX LADY VAN DE ANJOSIMI	<i>Reg:</i> NL.MU.LO13.OSH.022.1
<i>DOB:</i> 05/13/2013 <i>Sex:</i> Female <i>Breed:</i> Oriental Shorthair <i>Microchip:</i> 528246002178897 <i>Color:</i> Cinnamon	
<i>Sire:</i> CH.BIZET VAN SCARLETTINI	<i>Reg:</i> NL.MU.LO10.OSH.836
<i>Dam:</i> LIANA VAN DE ANJOSIMI	<i>Reg:</i> NL.MU.LO10.SIA.750

PRA-CEP290 Result	PRA-CRX Result
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.