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PROGRESSIVE RETINAL ATROPHY (PRA) REPORT

SARA VEGA TOBALABA 1815 7510447 CHILE		Case: CAT46040 Date Received: 31-May-2012 Report Date: 05-Jun-2012 Report ID: 1146-6585-2412-1059 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
<i>Cat:</i> WINDICTY ISIS <i>DOB:</i> 02/21/2011 <i>Breed:</i> SO <i>Sex:</i> F <i>Microchip:</i> 151377755A		<i>Reg:</i> SBV 022111022
<i>Sire:</i> DAM <i>Dam:</i> SIRE		<i>Reg:</i> SBV 041508049 <i>Reg:</i> SBV 031309046

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/dAc	Carrier, cat has one copy of rdAc mutation. Breeding between carriers is expected to produce 25% affected kittens
rdAc/dAc	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.