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## PROGRESSIVE RETINAL ATROPHY (PRA) REPORT

<p>JAMES RANKIN 111 E. BROADWAY SAND SPRINGS, OK 74063</p>	<p><b>Case:</b> <b>CAT115623</b> <b>Date Received:</b> 07-Jun-2019 <b>Print Date:</b> 10-Jun-2019 <b>Report ID:</b> 7659-8428-0275-5019 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a></p>
<p><i>Cat:</i> <b>FAE</b> <span style="float: right;"><i>Reg:</i></span> <i>DOB:</i> <b>01/22/2019</b> <i>Sex:</i> <b>Female</b> <i>Breed:</i> <b>Abyssinian</b> <i>Microchip:</i> <b>643094100639846</b> <i>Color:</i> <b>Blue</b></p>	

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.

**For more information on PRA-CEP290 and PRA-CRX test results, please go to:**  
[www.vgl.ucdavis.edu/services/cat/praphp](http://www.vgl.ucdavis.edu/services/cat/praphp)