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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>CAT119815</b> <b>Date Received:</b> 03-Dec-2019 <b>Print Date:</b> 04-Dec-2019 <b>Report ID:</b> 2304-5984-6017-5122 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a></p>
<p><b>Cat:</b> HONEY <b>DOB:</b> 04/15/2019 <b>Sex:</b> Female <b>Breed:</b> Abyssinian <b>Microchip:</b> 643094100639844 <b>Color:</b> Ruddy</p>	<p><b>Reg:</b></p>
<p><b>Sire:</b> ACHIVAS <b>Dam:</b> EMANUELLE NEFERTEE</p>	<p><b>Reg:</b> RU-0164-011 FAR-1144-KRI-4054</p>

PRA-CEP290 Result	PRA-CRX Result
N/rdAc	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)