

**OPTIGEN**<sup>®</sup> LLC

for the genetic advantage

## Test Report

**Bianca Kiermeier**  
**Hauptstr. 58**  
**Poernbach, DE-85309**  
**Germany**

Optigen Accession #: **09-2660**  
**VHL#: 17714**  
Report issued for: **VHL\_ID H17714**

### OptiGen Test Certificate

**Optigen Accession #: 09-2660**

**Report Issued: 04/06/2009**

**Test Performed: prcd Mutation Test for PRA**

**Result: Normal**

**Sample Type: DNA - from VHL**

**Registered Name: C&C A Midnight Kiss For Meallan**

**Reg#: DRC-G 0724521**

**Breed: Golden Retriever**

**ID#: 276098102412169**

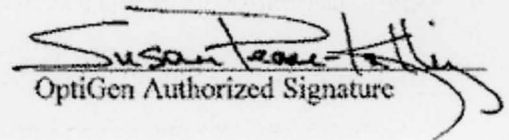
**Sex: Female**

**Date of Birth: November 28, 2007**

**Owner(s):**

**Bianca Kiermeier**



  
OptiGen Authorized Signature

[www.optigen.com](http://www.optigen.com)

Test Results: Genotype of your dog is Normal/Clear.

Risk for developing prcd-PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy). Note that PRA in Golden Retrievers appears to consist of at least two different genetic defects. Because only a small number of PRA affected Golden Retrievers have been tested so far, it is not possible to estimate the frequency of prcd-PRA among PRA affecteds of this breed. A Golden Retriever of known status for prcd-PRA could still be at risk for another, as yet unidentified form of PRA.

Significance for breeding: Genetically Normal/Clear dogs can be bred to any dog and will produce no pups affected with the prcd form of PRA.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the prcd form of PRA in Golden Retrievers as of the date on this report.

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com).

**International DNA Based Genetic Database:** To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073. [www.offa.org](http://www.offa.org)

I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information.

Signature of owner or authorized representative: \_\_\_\_\_

**Cornell Business & Technology Park**

tel: 607.257.0301

fax: 607.257.0353

767 Warren Road, Suite 300, Ithaca, NY 14850

email: [genetest@optigen.com](mailto:genetest@optigen.com)

web: [www.optigen.com](http://www.optigen.com)