

Canine Genetic Health Certificate[™]

Call Name:

Barlina

Laboratory #:

Tattoo:

8149

Registered Name:

Hidden Collie Coves Barlina

Registration #:

Blue Merle with BK/TN

Breed:

Rough Collie

markings

Sex:

Female

Certificate Date:

March 5, 2015

DOB:

June 2014

This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Degenerative myelopathy	SOD1	WT/WT	Normal
Multidrug resistance 1	ABCB1	M/M	Affected/At Risk

WT, wild type (normal); M, mutant

Paw Print Genetics™ performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. Genetic counseling is available at Paw Print Genetics.

Show (Sollies)

Blake C Ballif, PhD Laboratory & Scientific Director

GRCA

Casey R Carl, DVM Associate Medical Director

Test Report

Julia Fleming 221 Hope LN. Dunlap, TN. 37327 USA Optigen Accession #: 14-5805 Report issued for: Barlina FAX: (423)554-4068

OptiGen Test Certificate

Optigen Accession #: 14-5805

Test Performed: CEA/CH test

Registered Name: N/A

Breed: Collie Sex: Female

Date of Birth: June 03, 2014

Owner(s):
Julia Fleming
Sarah Fleming

Test Completed: 06/19/2014 Report Issued: 06/30/2014

Result: Normal Sample Type: Swab

Reg#: N/A

ID#: blue merle with full white collar



OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is NORMAL/CLEAR.

Risk for developing Collie Eye Anomaly/Choroidal Hypoplasia (CEA/CH): This dog will never develop CEA/CH. Significance for breeding: This dog can be bred to any mate and will produce no pups affected with CEA/CH.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing CEA/CH in Collies as of the date on this report.

For further information, please consult the OptiGen website at www.optigen.com. Note: The use of this test is patent protected and licensed to OptiGen. See http://www.optigen.com/opt9_patent.html for details.

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

I hereby certify that the sample submitted was of the animal described on this application. Lauthorize 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.

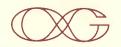
Signature of owner or authorized representative:

Cornell Business & Technology Park

tel: 607.257.0301

fax: 607.257.0353

web: www.optigen.com



Test Report

Julia Fleming 221 Hope LN. Dunlap, TN. 37327 USA Optigen Accession #: 14-5805 Report issued for: Barlina FAX: (423)554-4068

OptiGen Test Certificate

Optigen Accession #: 14-5805

Test Performed: Rod-Cone Dysplasia Type 2

Registered Name: N/A

Breed: Collie Sex: Female

Date of Birth: June 03, 2014

Owner(s): Julia Fleming Sarah Fleming Test Completed: 06/24/2014 Report Issued: 06/25/2014

Result: Normal Sample Type: Swab

Reg#: N/A

ID#: blue merle with full white collar

OPTIGEN S

OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of Dog tested is Normal

Risk for developing rcd2 form of PRA: Will never develop rcd2 form of PRA.

Significance for breeding: Can be bred to any dog and will produce no pups affected by rcd2 form of PRA.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the rcd2 form of PRA in Collies as of the date on this report.

For further information, please visit OptiGen's website at www.optigen.com.

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