

Canine Genetic Health Certificate™

Call Name:	Rusty	Laboratory #:	76966
Registered Name:	Ruff rusted diamonds	Registration #:	Asdt-tx-1701027
Breed:	Toy Australian Shepherd	Certificate Date:	July 29, 2018
Sex:	Male		
DOB:	March 2016		

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

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	<i>NHEJ1</i>	WT/WT	Normal (clear)
Cone Degeneration	<i>CNGB3</i>	WT/WT	Normal (clear)
Degenerative Myelopathy	<i>SOD1</i>	WT/WT	Normal (clear)
Hyperuricosuria	<i>SLC2A9</i>	WT/WT	Normal (clear)
Multifocal Retinopathy 1	<i>BEST1</i>	WT/WT	Normal (clear)
Neuronal Ceroid Lipofuscinosis 6	<i>CLN6</i>	WT/WT	Normal (clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)



Helen F Smith, PhD
Assistant Laboratory Director



Christina J Ramirez, PhD, DVM, DACVP
Medical Director

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. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.



CERTIFICATE OF RESULTS

OWNER'S NAME: MICHAEL AND CHANDRA MARTIN
PET'S NAME:** RUFF RUSTED DIAMONDS

PET'S REGISTRATION #: ASDT-TX-1701027
PET'S BREED: TOY AUSTRALIAN SHEPHERD
TEST: HEREDITARY CATARACTS (HC)
DATE: 1/30/2018

Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

A

SAMPLE ID #:
86910

For detailed result explanation
please visit our website:

www.GenSolDx.com

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. **IN NO EVENT SHALL GEN SOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525
(407) 530-3788 - info@Gensoldx.com

WWW.GENSOLDX.COM



CERTIFICATE OF RESULTS

OWNER'S NAME: MICHAEL AND CHANDRA MARTIN
PET'S NAME:** RUFF RUSTED DIAMONDS

PET'S REGISTRATION #: ASDT-TX-1701027
PET'S BREED: TOY AUSTRALIAN SHEPHERD
TEST: MULTIDRUG SENSITIVITY (MDR1)
DATE: 1/30/2018

Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

A

SAMPLE ID #:
86908

For detailed result explanation
please visit our website:

www.GenSolDx.com

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. **IN NO EVENT SHALL GEN SOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525
(407) 530-3788 - info@Gensoldx.com

WWW.GENSOLDX.COM



CERTIFICATE OF RESULTS

OWNER'S NAME: MICHAEL AND CHANDRA MARTIN
PET'S NAME:** RUFF RUSTED DIAMONDS

PET'S REGISTRATION #: ASDT-TX-1701027
PET'S BREED: TOY AUSTRALIAN SHEPHERD
TEST: PROGRESSIVE ROD-CONE DEGENERATION (PRA-PRCD)
DATE: 1/30/2018

Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

A

SAMPLE ID #:
86909

For detailed result explanation
please visit our website:

www.GenSolDx.com

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

**GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GEN SOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525
(407) 530-3788 - info@Gensoldx.com

WWW.GENSOLDX.COM