

Canine Genetic Health Certificate™

Call Name: Puppy 2
Registered Name: 4C Lady in Red
Breed: Toy Australian Shepherd
Sex: Female
DOB: Nov. 2019

Laboratory #: [REDACTED]
Registration #: -
Certificate Date: March 9, 2021

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

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	NHEJ1	WT/WT	Normal (clear)
Cone Degeneration	CNGB3	WT/WT	Normal (clear)
Degenerative Myelopathy	SOD1	WT/WT	Normal (clear)
Hereditary Cataracts (Australian Shepherd Type)	HSF4	WT/WT	Normal (clear)
Hyperuricosuria	SLC2A9	WT/WT	Normal (clear)
Intestinal Cobalamin Malabsorption (Australian Shepherd Type)	AMN	WT/WT	Normal (clear)
Multidrug Resistance 1	ABCB1	WT/WT	Normal (clear)
Multifocal Retinopathy 1	BEST1	WT/WT	Normal (clear)
Neuronal Ceroid Lipofuscinosis 6	CLN6	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (clear)

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

[Signature]

[Signature]

Blake C Ballif, PhD
 Laboratory & Scientific Director

Casey R Carl, DVM
 Associate 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.

Animal Disease Diagnostic Laboratory
Purdue University, 406 S. University Street, West Lafayette, IN 47907-2065
Phone: (765)494-7440 Fax (765)494-9181 Email: addl@purdue.edu
Web: http://www.addl.purdue.edu

ADDL Case #: A24-19919

Other ID:

Date Received: 4/9/2024

Submitter
PURDUE CANINE GENETICS
LAB
625 HARRISON STREET
WEST LAFAYETTE, IN 47907

Premises
DOG INFO

Owner
MATT CHRISTENSEN
PO BOX 802
LAUREL, NE 68745

Vet Phone:

Species: Canine

Sex: Female

Vet Fax:

Breed: Toy Australian Shepherd

Age: Unknown

Premise ID: DOG INFO

Tests Requested in: CanineG

Test	Ordered	Status	Completed
Neuroaxonal Dystrophy	4/9/2024	Complete	4/11/2024

Owner Report

4/11/2024 9:31:19 AM

Canine Genetics by Dr. Rebecca Wilkes, Section Head

The following tests were performed using PCR.

Animal ID	Specimen	Organism	Result
REMI	Cheek Swab	Neuroaxonal Dystrophy	Clear (N/N)