



Registered Name: Maggie
 Date of Birth: 4/7/2022
 Sex: Female
 Breed Ancestry: 77.8% Poodle (Standard) + 22.2% Golden Retriever
 Owner Supplied Breed: Goldendoodle
 Embark Swab Code: 31210953514168
 Embark Profile: <http://embk.me/maggie5481>

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 16 health conditions that are currently relevant for their breed(s). Please speak to your veterinarian and breeder about specific risks and care recommendations associated with your dog's results.

Great news!

Your dog is **not expected to develop signs and symptoms** from the specific variants* for the following breed relevant conditions:

- Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD (FGF4 retrogene CFA12)
- Congenital Myasthenic Syndrome, CMS (COLQ, Golden Retriever Variant)
- Degenerative Myelopathy, DM (SOD1A)
- Dystrophic Epidermolysis Bullosa (COL7A1, Golden Retriever Variant)
- GM2 Gangliosidosis (HEXB, Poodle Variant)
- Golden Retriever Progressive Retinal Atrophy 1, GR PRA1 (SLC4A3)
- Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 (TTC8)
- Ichthyosis, ICH1 (PNPLA1, Golden Retriever Variant)
- Muscular Dystrophy (DMD, Golden Retriever Variant)
- Neonatal Encephalopathy with Seizures, NEWS (ATF2)
- Neuronal Ceroid Lipofuscinosis 5, NCL 5 (CLN5 Exon 4 Deletion, Golden Retriever Variant)
- Osteochondrodysplasia, Skeletal Dwarfism (SLC13A1, Poodle Variant)
- Osteogenesis Imperfecta, Brittle Bone Disease (COL1A1, Golden Retriever Variant)
- Progressive Retinal Atrophy, prcd (PRCD Exon 1)
- Retina Dysplasia and/or Optic Nerve Hypoplasia (SIX6 Exon 1, Golden Retriever Variant)
- Von Willebrand Disease Type I, Type I vWD (VWF)

Canine Genetic Health Certificate™

Call Name:	Maggie	Laboratory #:	438032
Registered Name:	Maggie	Registration #:	GANA-029858
Breed:	Goldendoodle	Microchip #:	956000011470970
Sex:	Female	Certificate Date:	Feb. 22, 2024
DOB:	July 2022		

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

Disease	Gene	Genotype	Interpretation
Chondrodystrophy with Intervertebral Disc Disease Risk Factor (CDDY with IVDD)	<i>CFA12 FGF4</i>	WT/WT	Normal (Clear) - No CDDY or Increased IVDD Risk
Congenital Methemoglobinemia	<i>CYB5R3</i>	WT/WT	Normal (Clear)
Degenerative Myelopathy (Common Variant)	<i>SOD1</i>	WT/WT	Normal (Clear)
Ichthyosis (Golden Retriever Type 1)	<i>PNPLA1</i>	WT/WT	Normal (Clear)
Ichthyosis (Golden Retriever Type 2)	<i>ABHD5</i>	WT/WT	Normal (Clear)
Neonatal Encephalopathy with Seizures	<i>ATF2</i>	WT/WT	Normal (Clear)
Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type)	<i>CLN5</i>	WT/WT	Normal (Clear)
Osteochondrodysplasia	<i>SLC13A1</i>	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Golden Retriever 1	<i>SLC4A3</i>	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Golden Retriever 2	<i>TTC8</i>	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	<i>PRCD</i>	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Rod-Cone Dysplasia 4	<i>C2orf71</i>	WT/WT	Normal (Clear)
Von Willebrand Disease I	<i>VWF</i>	WT/WT	Normal (Clear)

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

Paw Print Genetics® performed the testing on the dog listed on this certificate. 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. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s) accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. 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.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MAGGIE
registered name

GANAA029858
registration no.

HYBRID - GANA REGISTERED
breed

F
sex

04/07/2022
date of birth

film/test/lab #

956000011470970
tattoo/microchip/DNA profile

2399287
application number

14
age at evaluation in months



A Not-For-Profit Organization

06/21/2023
date of report

HY-BCA4747/14F/P-VPI
O.F.A. NUMBER

This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.

RESULTS:

Normal cardiovascular examination via auscultation - No evidence of congenital or acquired heart disease was noted. Since acquired heart disease may develop later, these evaluation results remain valid for one year, and annual examinations are recommended to continue to monitor cardiac health.

NORMAL/CLEAR - PRACTITIONER

owner

CORINE LOREN

CANADA

OFA eCert



Verify QR scan

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 06/21/2023

This certification can be verified on the OFA website by entering the animal's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806

OFA website: www.ofa.org
E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MAGGIE
registered name

HYBRID - GANA REGISTERED
breed

22EX7E
film/test/lab #

956000011470970
tattoo/microchip/DNA profile

2399287
application number

10/05/2022
date of report

RESULTS:

Based upon the exam dated 09/18/2022, this animal has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

GANAO29858
registration no.

F
sex

04/07/2022
date of birth

5
age at evaluation in months



A Not-For-Profit Organization

HY-EYE6464/5F-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

NORMAL

owner

CORINE LOREN

CANADA

OFA eCert



Verify QR scan

G.G. Keller, DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

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Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MAGGIE
registered name

HYBRID - GANA REGISTERED
breed

24U6DJ
film/test/lab #

956000011470970
tattoo/microchip/DNA profile

2399287
application number

10/22/2024
date of report

RESULTS:

Based upon the exam dated 09/07/2024, this animal has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

GANAO29858
registration no.

F
sex

04/07/2022
date of birth

29
age at evaluation in months



A Not-For-Profit Organization

HY-EYE6464/29F-VPI
O.F.A. NUMBER

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NORMAL

owner

CORINE LOREN

CANADA

OFA eCert



Verify QR scan

G.G. Keller, DVM

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Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MAGGIE
registered name

HYBRID - GANA REGISTERED
breed

25J7GU
film/test/lab #

956000011470970
tattoo/microchip/DNA profile

2399287
application number

10/31/2025
date of report

RESULTS:

Based upon the exam dated 09/21/2025, this animal has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

GANAO29858
registration no.

F
sex

04/07/2022
date of birth

41
age at evaluation in months



A Not-For-Profit Organization

HY-EYE6464/41F-VPI
O.F.A. NUMBER

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NORMAL

owner

CORINE LOREN

CANADA

OFA eCert



Verify QR scan

G.G. Keller, DVM

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CHIEF OF VETERINARY SERVICES

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MAGGIE
registered name

HYBRID - GANA REGISTERED
breed

film/test/lab #

956000011470970
tattoo/microchip/DNA profile

2399287
application number

06/21/2023
date of report

RESULTS:

The results of the examination submitted to OFA indicate that no evidence of patellar luxation was recognized.

GANAA029858
registration no.

F
sex

04/07/2022
date of birth

14
age at evaluation in months



A Not-For-Profit Organization

HY-PA8579/14F/P-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

NORMAL - PRACTITIONER

owner

CORINE LOREN



CANADA

OFA eCert



Verify QR scan

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

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Phone number: 573-442-0418
Fax number: 573-875-5073

Orthopedic Foundation for Animals
Preliminary Hip Dysplasia Evaluation Report



A Not-for-Profit
Organization

MAGGIE
registered name

HYBRID - GANA REGISTERED
breed

film/test/lab #

956000011470970

tattoo/microchip/DNA profile

2399287

application number

06/23/2023

date of report

GANAO29858
registration no.

F
sex

04/07/2022
date of birth

14
age at evaluation in months

Owner

CORINE LOREN

CANADA

Veterinarian

HEARLTAND FORT VETERINARY HOSP
9301 WILSHIRE BLVD.; 101
FORT SASKATCHEWAN ALBERTA T8L0W9
CANADA

Preliminary Hip Dysplasia Evaluation Report

No radiographic evidence of hip dysplasia is present. The consensus evaluation is: GOOD

EXCELLENT HIP JOINT CONFORMATION

superior hip joint conformation as compared with
other individuals of the same breed and age

GOOD HIP JOINT CONFORMATION

well formed hip joint conformation as compared
with other individuals of the same breed and age

FAIR HIP JOINT CONFORMATION

minor irregularities of the hip joint conformation as
compared with other individuals of the same
breed and age

BORDERLINE HIP JOINT CONFORMATION

marginal hip joint conformation of indeterminate
status with respect to hip dysplasia at this time --
Repeat study in six months

MILD HIP DYSPLASIA

radiographic evidence of minor dysplastic
changes of the hip joints

MODERATE HIP DYSPLASIA

well defined radiographic evidence of dysplastic
changes of the hip joints

SEVERE HIP DYSPLASIA

radiographic evidence of marked dysplastic
changes of the hip joints

RADIOGRAPHIC FINDINGS

- _____ subluxation
- _____ remodeling of femoral head/neck
- _____ osteoarthritis/degenerative joint disease
- _____ shallow acetabula
- _____ acetabular rim/edge change

- _____ unilateral _____ left _____ right
- _____ transitional vertebra
- _____ spondylosis
- _____ panosteitis

G.G. Keller, DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

Orthopedic Foundation for Animals
Preliminary Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

MAGGIE
registered name

HYBRID - GANA REGISTERED
breed

film/test/lab #

956000011470970

tattoo/microchip/DNA profile

2399287

application number

06/23/2023

date of report

GANAO29858
registration no.

F
sex

04/07/2022
date of birth

14
age at evaluation in months

Owner

CORINE LOREN

CANADA

Veterinarian

HEARLTAND FORT VETERINARY HOSP
9301 WILSHIRE BLVD.; 101
FORT SASKATCHEWAN ALBERTA T8L0W9
CANADA

Preliminary Elbow Dysplasia Evaluation Report

☒ negative for elbow dysplasia

L ☒ R ☒

ELBOW DYSPLASIA

GRADE I

GRADE II

GRADE III

L _____ R _____

L _____ R _____

L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD)

united anconeal process (UAP)

fragmented coronoid process (FCP)

osteochondrosis

L _____ R _____

L _____ R _____

L _____ R _____

L _____ R _____

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CHIEF OF VETERINARY SERVICES