ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLACKFORK'S THE BEAT GOES ON AT ECHOING PINES registered name

LABRADOR RETRIEVER

sex/breed

film/test/lab #

992000000262415 tattoo/microchip/DNA profile

2340395 application number

12/28/2022 date of report

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

GOOD

OFA eCert

www.ofa.org

SS20561901 registration no.

F

07/12/2020 date of birth

age at evaluation in months



A Not-For-Profit Organization

LR-265661G29F-P-VPI

O.F.A. NUMBER

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

G.G.KELLER. D.V.M., M.S., DACVR CHIEF OF VETERINARY SERVICES

Verify QR scan

This electronic OFA certificate was generated on: 12/28/2022

大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大**大**

This certification can be verified on the OFA website by entering the dog'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@OFFA.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@offa.org Phone number: 573-442-0418 Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLACKFORK'S THE BEAT GOES ON AT ECHOING PINES registered name

LABRADOR RETRIEVER

sex/breed

film/test/lab #

992000000262415 tattoo/microchip/DNA profile

2340395 application number

12/28/2022 date of report

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of elbow dysplasia was recognized.

NORMAL

wne



Verify QR scan

www.ofa.org

SS20561901 registration no.

F

07/12/2020 date of birth

29

age at evaluation in months



A Not-For-Profit Organization

KellenDIM

G.G.KELLER. D.V.M., M.S., DACVR CHIEF OF VETERINARY SERVICES

LR-EL113217F29-P-VPI

O.F.A. NUMBER

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

This electronic OFA certificate was generated on: 12/28/2022

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

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

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

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLACKFORK'S THE BEAT GOES ON AT ECHOING PINES

LABRADOR RETRIEVER

sex/breed

798637 film/test/lab #

992000000262415

tattoo/microchip/DNA profile

2340395 application number

01/24/2023 date of report

RESULTS:

Based upon the exam dated 12/14/2022, this dog 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.

INOINIA

OFA eCert



Verify QR scan

www.ofa.org

SS20561901 registration no.

F

07/12/2020 date of birth

29

age at evaluation in months



A Not-For-Profit Organization

LR-EYE24730/29F-VPI

O.F.A. NUMBER

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

G.G.KELLER. D.V.M., M.S., DACVR CHIEF OF VETERINARY SERVICES

NORMAL

This electronic OFA certificate was generated on: 01/24/2023

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



DNA Test Report

Dog Information

BLACKFORK'S THE BEAT GOES ON AT ECHOING PINES (EMMY)

NAME

July 12th, 2020
DATE OF BIRTH

Female

Labrador Retriever BREED ANCESTRY

n/a

DREED ANGESTRY

American Kennel Club (AKC) SS20561901 MICROCHIP REGISTRATION

DIANA OLIPHANT
OWNER NAME

Canine Genetic Health Screen TEST

April 26th, 2022 TEST DATE

BREED HEALTH TESTS

Centronuclear Myopathy, CNM PTPLA NN Clear ○ Degenerative Myelopathy, DM SOD1(A) GG Clear ○ Exercise-Induced Collapse, EIC DNM1 GG Clear ○ Hereditary Nasal Parakeratosis, HNPK SUV39H2 GG Clear ○ Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU SLC2A9 (Exon 5) GG Clear ○ Macular Corneal Dystrophy, MCD CHST6 CA 1 variant ○ Narcolepsy HCRTR2 AA Clear ○ Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear ○ Pyruvate Kinase Deficiency PKLR Exon 7 SNP Variant 1 CC Clear ○ Skeletal Dysplasia 2, SD2 COL11A2 GG Clear ○ Achromatopsia CNGA3 (Exon 7 Deletion) NN Clear ○ Alexander Disease GFAP (Exon 4) GG Clear ○ Conjenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear ○ Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 TTCS Exon 8 NN <t< th=""><th>DISEASE</th><th>GENE</th><th>GENOTYPE</th><th>RESULT</th><th>TESTING RECOMMENDED BY</th></t<>	DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Exercise-Induced Collapse, EIC DNM1 GG Clear Clear Hereditary Nasal Parakeratosis, HNPK SUV39H2 GG Clear Clear Clear Macular Corneal Dystrophy, MCD CHST6 CA Turiant CHST6 CA Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear CC Clear CC Clear CA Achromatopsia CNGA3 (Exon 7 Deletion) NN Clear CA Clear CC	Centronuclear Myopathy, CNM	PTPLA	NN	Clear	(9)
Hereditary Nasal Parakeratosis, HNPK SUV39H2 GG Clear Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU SLC2A9 (Exon 5) GG Clear Macular Corneal Dystrophy, MCD HCRTR2 AA Clear Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear PYurvate Kinase Deficiency PKLR Exon 7 SNP Variant 1 CC Clear CHST6 CA Clear Clear AA Clear Clear Clear CC CC CC CC CC CC CC CC CC	Degenerative Myelopathy, DM	SOD1(A)	GG	Clear	•
Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU SLC2A9 (Exon 5) GC Clear Macular Corneal Dystrophy, MCD CHST6 CA 1 Variant Variant Variant Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear PKLR Exon 7 SNP Variant 1 CC Clear Chear C	Exercise-Induced Collapse, EIC	DNM1	GG	Clear	(9)
Macular Corneal Dystrophy, MCD CHST6 CA 1 Variant ○ Narcolepsy HCRTR2 AA Clear ○ Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear ○ Pyruvate Kinase Deficiency PKLR Exon 7 SNP Variant 1 CC Clear ○ Skeletal Dysplasia 2, SD2 COL11A2 GG Clear ○ Achromatopsia CNGA3 (Exon 7 Deletion) NN Clear ★ Alexander Disease GFAP (Exon 4) GG Clear ★ Canine Elliptocytosis SPTB Exon 30 CC Clear ★ Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear ★	Hereditary Nasal Parakeratosis, HNPK	SUV39H2	GG	Clear	(9)
Macular Corneal Dystrophy, MCD CHST6 CA Variant Narcolepsy HCRTR2 AA Clear Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear Pyruvate Kinase Deficiency PKLR Exon 7 SNP Variant 1 CC Clear Skeletal Dysplasia 2, SD2 COL11A2 GG Clear CNGA3 (Exon 7 Deletion) NN Clear Alexander Disease GFAP (Exon 4) GG Clear Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU	SLC2A9 (Exon 5)	GG	Clear	•
Progressive Retinal Atrophy, prcd PRCD Exon 1 GG Clear Pruvate Kinase Deficiency PKLR Exon 7 SNP Variant 1 CC Clear Clear Achromatopsia CNGA3 (Exon 7 Deletion) NN Clear Alexander Disease GFAP (Exon 4) GG Clear Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Macular Corneal Dystrophy, MCD	CHST6	CA		•
Pyruvate Kinase Deficiency PKLR Exon 7 SNP Variant 1 CC Clear COL11A2 GG Clear Achromatopsia CNGA3 (Exon 7 Deletion) NN Clear Alexander Disease GFAP (Exon 4) GG Clear Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Narcolepsy	HCRTR2	AA	Clear	•
Skeletal Dysplasia 2, SD2 COL11A2 GG Clear COL11A2 GG Clear COL11A2 COL11A2 COL11A2 COL11A2 COL11A2 COL11A2 COL11A2 COL2 COL3 CO	Progressive Retinal Atrophy, prcd	PRCD Exon 1	GG	Clear	•
Achromatopsia CNGA3 (Exon 7 Deletion) NN Clear Alexander Disease GFAP (Exon 4) GG Clear Canine Elliptocytosis SPTB Exon 30 CC Clear Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Pyruvate Kinase Deficiency		СС	Clear	•
Alexander Disease GFAP (Exon 4) GG Clear Canine Elliptocytosis SPTB Exon 30 CC Clear Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Skeletal Dysplasia 2, SD2	COL11A2	GG	Clear	②
Canine Elliptocytosis SPTB Exon 30 CC Clear Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Achromatopsia	CNGA3 (Exon 7 Deletion)	NN	Clear	x
Congenital Myasthenic Syndrome, CMS COLQ (Exon 14) TT Clear	Alexander Disease	GFAP (Exon 4)	GG	Clear	x
	Canine Elliptocytosis	SPTB Exon 30	СС	Clear	x
Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 TTC8 Exon 8 NN Clear	Congenital Myasthenic Syndrome, CMS	COLQ (Exon 14)	TT	Clear	x
	Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2	TTC8 Exon 8	NN	Clear	×



DNA Test Report

Dog Information

BLACKFORK'S THE BEAT GOES ON AT ECHOING PINES (EMMY)

NAME

Female SEX

July 12th, 2020 DATE OF BIRTH

BREED ANCESTRY

REGISTRATION

Labrador Retriever

American Kennel Club (AKC) SS20561901 MICROCHIP

DIANA OLIPHANT OWNER NAME

Canine Genetic Health Screen TEST

April 26th, 2022 TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Myotubular Myopathy 1, X-linked Myotubular Myopathy, XL-MTM	MTM1 (Exon 7)	CC	Clear	ਮ
Progressive Retinal Atrophy, crd4/cord1	RPGRIP1 (Exon 2)	NN	Clear	x
Ullrich-like Congenital Muscular Dystrophy	COL6A3	GG	Clear	x