

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PENARA'S WALK ON THE WILD SIDE

registered name

LABRADOR RETRIEVER

breed

BLACK

color

081 041 105

tattoo/microchip/DNA profile

1340074

application number

1/4/2010

date of report

SR49352501

registration no.

M

sex

11/25/2007

date of birth

24

age at evaluation in months

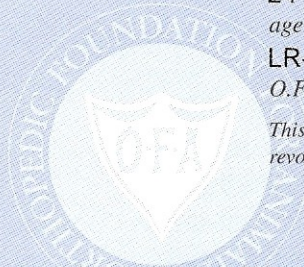
LR-184837E24M-VPI

O.F.A. NUMBER

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



A Not-For-Profit Organization



Based upon the radiograph submitted the consensus was that no evidence of hip dysplasia was recognized

The hip joint conformation was evaluated as: **EXCELLENT**

owner

HEATHER HORN
PAM NARANJO, DVM

G.G. Keller, DVM

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

www.offa.org

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24

age at evaluation in months

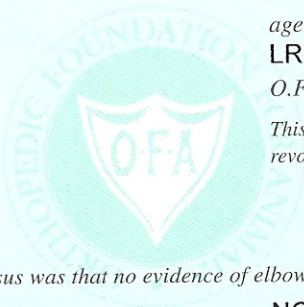
LR-EL45532M24-VPI

O.F.A. NUMBER

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



A Not-For-Profit Organization



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

NORMAL

owner

HEATHER HORN
PAM NARANJO, DVM

G.G. Keller, DVM

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

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PENARA'S WALK ON THE WILD SIDE

registered name

LABRADOR RETRIEVER

breed

BLACK

color

081 041 105

tattoo/microchip/DNA profile

1340074

application number

12/4/2008

date of report

SR49352501

registration no.

M

sex

11/25/2007

date of birth

12

age at evaluation in months

LR-CA3374/12M/S-VPI-ECHO

O.F.A. NUMBER

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A Not-For-Profit Organization

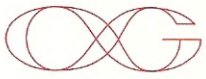
The results of the examination submitted to OFA indicate that no evidence of congenital cardiac disease was recognized.

NORMAL - SPECIALIST, ECHO

owner

HEATHER HORN
PAM NARANJO, DVM

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



Test Report

Heather Horn

Optigen Accession #: **08-10140**
Report issued for: **Hunter**

USA

OptiGen Test Certificate

Optigen Accession #: 08-10140

Report Issued: 10/27/2008

Test Performed: prcd Mutation Test for PRA

Result: Normal
Sample Type: Swab

Registered Name: Penara's Walk On The Wild Side

Reg#: SR49352501

Breed: Labrador Retriever

ID#: 081 041 105

Sex: Male

Date of Birth: November 25, 2007

Owner(s):

Heather Horn



Janette S. Felix
OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is Normal/Clear.

Risk for developing prcd-PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy). So far, the only inherited PRA disease known in dogs of your breed is the prcd form of PRA.

Significance for breeding: Genetically Normal/Clear dogs can be bred to any dog and will produce no pups affected with the prcd form of PRA.

For further information, please consult the OptiGen website at www.optigen.com.

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. I authorize 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: _____

Veterinary Diagnostic Laboratory
College of Veterinary Medicine
1333 Gortner Avenue
St. Paul, MN 55108

1-800-605-8787
612-625-8787
Fax: 612-624-8707
e-mail: vdh@umn.edu
www.vdl.umn.edu

Accession Number: D08-063034

Owner: HORN, HEATHER
DEL NORTE, CO 81132

Veterinarian:
Dr. Warren Deal, DVM
Monte Vista Animal Clinic
1851 W Hwy 160
Monte Vista, CO 81144

Site:
Received: 12/04/2008
Reference:
Species: Canine
Breed: Labrador Retriever
Age: 11/25/07 **Sex:** Intact
Male
Weight:

Diagnostic Report: Genetic Test for Canine Exercise Induced Collapse (EIC)

Specimen From: Penara's Walk on the Wild Side

With Identification: 081 041 105

With Registration Number: SR49352501

ID Verified by Veterinarian: Yes

Result: Clear

See following page for interpretation.

Orthopedic Foundation for Animals (OFA) International DNA Based Genetic Database: To register your result with the OFA, make a copy of this result page, sign below, and mail WITH FEE to:

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

or FAX to: 573-875-5073

I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to verify any attached laboratory reports with the issuing lab. I further authorize the laboratory issuing the attached documentation to verify the reported test results with the OFA upon their direct request. I authorize 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: _____

- Fees**
- Submission fee/individual.....\$15.00
 - A litter of 3 or more submitted together.....\$30.00 total
 - kennel rate:** Individuals submitted as a group, owned/co-owned by the same person
 - 5 or more individuals.....\$7.50 each

Payments can be made by check, money order (U.S. funds drawn on a U.S. bank), cash, Visa, or MasterCard, payable to the Orthopedic Foundation for Animals.

Visa/MasterCard Number

Name on Card

Exp Date

CVV (security code)

Affected dogs at any age are no charge

Interpretation

Clear: Your dog is clear of the DNM1 gene mutation highly associated with EIC. This means that your dog has two
D08-063034 - HORN, HEATHER

Centronuclear Myopathy DNA Test

Case Number: 26850

Owner: Heather Horn

Canine Information

DNA ID Number: **44632**

Call Name: **Hunter**

Sex: **Male**

Birthdate: **11/25/2007**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **Penara's Walk On The Wild Side**

Registry: **AKC**

Registration Number: **SR49352501**

Microchip/Tattoo: **081041105**

Markings:

Report Date: 9/15/2010

DNA Result: **Clear (2 copies of the normal allele)**



Matt Shaunessy, Senior Scientist

Pet Profile Number:



Canine

Pet Name: Hunter
Date of Birth: 2007-11-25
Pet Type: Canine
Breed: Labrador Retriever
Sex: Male
Spayed/Neutered: No
Coat Color: Black
Eye Color: brown
Weight: 75

Microchip: Yes
Microchip Type: Avid
Microchip Number: 081 041 105

Registry: Yes
Registry Name: Penara's Walk On The Wild Side
Registry Number: SR49352501



PAWSITIVE I.D.TM

CERTIFICATE OF GENOTYPING

Date of Test: 02/19/2009
Date of Certificate: 09/16/2009

Vet Name:
Clinic:
Address:
Phone:
Fax:

Lana Horn
2445 Woodmans Hollow Road
Otho, IA 50569

The following genotyping results were produced using the VeriSNP(TM) Universal Genetic Evaluation process:

Pet Profile Number: 0002000610, Owner: Horn, Pet: Hunter

Genetic Fingerprint:

CF01-01	CF01-02	CF01-03	CF02-04	CF02-05	CF02-06	CF03-07	CF03-08	CF03-09	CF04-10	CF04-11	CF04-12	CF05-13	CF05-14	CF05-15	CF06-17
CF06-18	CF07-19	CF07-21	CF09-24	CF09-25	CF09-26	CF10-27	CF10-28	CF10-88	CF11-29	CF11-31	CF11-89	CF12-32	CF12-90	CF13-33	
CF13-34	CF13-91	CF14-36	CF14-92	CF15-38	CF16-39	CF17-41	CF17-42	CF18-43	CF18-44	CF20-47	CF21-49	CF22-51	CF23-53	CF23-54	
CF24-55	CF24-76	CF25-57	CF25-58	CF26-59	CF26-80	CF28-83	CF28-84	CF29-85	CF29-86	CF30-87	CF30-88	CF31-89	CF32-71	CF32-74	CF34-75
CF35-77	CF35-78	CF36-79	CF36-80	CF37-81	CF37-82	CF38-84	CFX-85	CFX-86	CFX-87						

Legend: = A = T = C = G = Undetermined

Screened Non-Premium Diseases:

TEST # 1	MYOTONIA CONGENITA	Negative
TEST # 2-A	PROGRESSIVE RETINAL ATROPHY (RCD-3)	Negative
TEST # 2-B	PROGRESSIVE RETINAL ATROPHY (PRAG)	Negative
TEST # 2-C	PROGRESSIVE RETINAL ATROPHY (RCD1-cGMP)	Negative
TEST # 3	HYPOTHYROIDISM	Negative
TEST # 4	CANINE LEUCOCYTE ADHESION DEFICIENCY	Negative
TEST # 5-A	NEURONAL CEROID LIPOFUSCINOSES (CLN2-TPP1)	Negative
TEST # 5-B	NEURONAL CEROID LIPOFUSCINOSES (CLN8)	Negative
TEST # 5-C	NEURONAL CEROID LIPOFUSCINOSES (CLN5_B_C)	Negative
TEST # 6	CYSTINURIA	Negative
TEST # 7	NARCOLEPSY	Negative
TEST # 8	MUSCULAR DYSTROPHY	Negative
TEST # 9	GLOBOID CELL LEUCODYSTROPHY	Negative
TEST # 11-A	GM1 GANGLIOSIDOSIS (GM1_portug)	Negative
TEST # 11-B	GM1 GANGLIOSIDOSIS (GM1_shiba)	Negative
TEST # 12	MUCOPOLYSACCHARIDOSIS TYPE VII	Negative
TEST # 13	HEMOPHILIA B	Negative
TEST # 14	PHOSPHOFRUCTOKINASE DEFICIENCY	Negative
TEST # 15-A	SEVERE COMBINED IMMUNODEFICIENCY (SCIW)	Negative
TEST # 15-B	SEVERE COMBINED IMMUNODEFICIENCY (SCIX)	Negative
TEST # 15-C	SEVERE COMBINED IMMUNODEFICIENCY (SCID)	Negative
TEST # 16	THROMBASTHENIC THROMBOPATHIA	Negative
TEST # 17	CONE DEGENERATION	Negative
TEST # 18	RETINAL DYSTROPHY	Negative
TEST # 20	NEONATAL ENCEPHALOPATHY WITH SEIZURES	Negative
TEST # 21	GLYCOGEN STORAGE DISEASE IA	Negative
TEST # 22	L-2-HYDROXYGLUTARIC ACIDURIA	Negative
TEST # 23	MULTIDRUG RESISTANCE IN CANCER	Negative
TEST # 24	NEURONAL CERIOD LIPOFUSCINOSIS	Negative
TEST # 25	PYRUVATE DEHYDROGENASE PHOSPHATASE 1 DEFICIENCY	Negative
TEST # 27	CANINE MULTIFOCAL RETINOLPATHY	Negative
TEST # 28	CANINE RETINOLPATHY	Negative
TEST # 30	AUTOSOMAL RECESSIVE HEREDITARY NEPHROPATHY	Negative

Screened Premium Diseases:

PRA-PRCD	PROGRESSIVE ROD-CONE DEGENERATION	Negative
EIC	EXERCISE INDUCED COLLAPSE	Negative

IF A RESULT IS LISTED AS POSITIVE OR CARRIER, SEE INTERPRETIVE GUIDE FOR FURTHER GUIDANCE.
Physical Attributes:

TEST # A	YELLOW	+ -	Heterozygous
TEST # B	MELANISTIC MASK	- -	Does Not Carry
TEST # C	AGOUTI (A82S)	- -	Does Not Carry
TEST # D	AGOUTI (R96C)	- -	Does Not Carry
TEST # E	DILUTE COAT COLOR	- -	Does Not Carry
TEST # F	BROWN	- -	Does Not Carry
TEST # G	BROWN	- -	Does Not Carry
TEST # H	BROWN	- -	Does Not Carry
TEST # J	LONG HAIR	- -	Does Not Carry

NOTE: The above listed disease and physical traits can be breed specific and are possibly found in the affected breed. However, it is possible that other breeds may test Positive or Carrier for the screened tests. Please refer to the Interpretive Guide included with this test for a detailed definition of the test and listing of the commonly affected breeds.

Non-Premium tests are processed by The Equine Genetics Lab at Texas A&M University and/or DNA Diagnostic Laboratory d/b/a Shelterwood Labs in Timpson, TX. Premium Tests are processed by International Genetics, Inc in Freeport, The Bahamas.



AMERICAN
KENNEL CLUB®

January 15, 2010

HEATHER HORN

Letter of DNA Analysis

Breed: **Labrador Retriever**

Sex: **Male**

Date of Birth: **25-NOV-2007**

ID #: **081 041 105**

Date of Analysis: **07-JAN-2010**

AKC #: **SR49352501**

AKC Name: **Penara's Walk On The Wild Side**

DNA Profile #: **V586791**

The following genotype uniquely represents the MMI Genomics genetic identity of the dog named herein:

MMIG #: **C0679980**

E E	C I	C C	E E	C E	F F	C D	B D	A B	C C	F F	A C	E E	X Y
PEZ 1	PEZ 3	PEZ 5	PEZ 6	PEZ 8	PEZ 12	PEZ 20	UCB 2010	UCB 2054	UCB 2079	PEZ 16	PEZ 17	PEZ 21	GEN

Margaret H. Poindexter, General Counsel
American Kennel Club

Dennis Fantin, Ph.D., MBA
MMI Genomics, Inc.