

Mistrettas Shadow Hawk DNA-CP

Owned by Mistretta & Gearhart Aussies

Mistrettas Eagle Song



- Mistrettas Magnifico of Pi
- CH Mistrettas Mi Amigo Magica CD
- Mistrettas Misty Shadow
- Mistrettas Rough Eagle OTDd STDsc
- Motes Mr Gunsmoke
- WTCH Mistrettas Zagala con Ojo Zaca
- Panda Babe

- CH Mistrettas Mi Amigo Magica CD
- Mistrettas Greystone of Amigo
- Mistrettas Paddington Bear
- Mistrettas Lady Katy
- Mistrettas Noble King Kodi
- Hidden Homes Nikki Cinderella
- Mistrettas Lacey Mirage

- "Hawk"

- Proudfoot's Moon of Mistretta
- Mistrettas Grande Rojo
- Pride N Joy of Windermere
- Motes Mr Gunsmoke
- CH Mistrettas Ballou Pirate
- Mistrettas Paddington Bear
- Mistrettas Sweet Katie
- WTCH Mistrettas Zagala con Ojo Zaca
- Mistrettas Magnifico of Pi
- Mistrettas Rajo Mucho Magica
- Mistrettas Misty Shadow
- Panda Babe

- Mistrettas Magnifico of Pi
- Mistrettas Polvilla Azul
- Rocking I Black Eyed Suzy

AMERICAN KENNEL CLUB



IF A DATE APPEARS AFTER THE NAME AND NUMBER OF THE SIRE AND DAM, IT INDICATES THE ISSUE OF THE STUD BOOK REGISTER IN WHICH THE SIRE OR DAM IS PUBLISHED.

THIS CERTIFICATE ISSUED WITH THE RIGHT TO CORRECT OR REVOKE BY THE AMERICAN KENNEL CLUB

See Transfer Instructions on Back of Certificate

DL476810/02 0FA27E
NUMBER
MALE
SEX
SEP 10 1992
DATE OF BIRTH

MISTRETTAS SHADOW HAWK
NAME
AUSTRALIAN SHEPHERD
BREED
BLACK
COLOR
MISTRETTAS EAGLE SONG
SIRE DL458681/01 (8-93) (FDS)
MISTRETTAS ZAGALA CON OJO ZACA
DAM DL458677/01 (8-93) 0FA38E (FDS)
VICTORIA MISTRETTA & CHRISTINA M MISTRETTA
BREEDER
BLAKE OSBURN & VICTORIA MISTRETTA &
CHRISTINA MISTRETTA
PO BOX 2468
GEARHART, OR 97138-2468

SEP 9 1998
CERTIFICATE ISSUED

OWNER

REGISTRATION CERTIFICATE

AUSTRALIAN SHEPHERD CLUB OF AMERICA, INC.



Established 1957

ASCA CERTIFIES THAT IT ACCURATELY MAINTAINS THE GENEALOGICAL INFORMATION WHICH IS FURNISHED TO IT BY BREEDERS. THE LINEAGE OF REGISTERED DOGS CAN BE DETERMINED WITH CERTAINTY BY DNA TESTING SPONSORED BY ASCA.

THIS CERTIFICATE ISSUED WITH THE RIGHT TO CORRECT OR REVOKE BY THE AUSTRALIAN SHEPHERD CLUB OF AMERICA, INC.

ASCA Registration # E61895

D/B September 10, 1992
Tail Length DOCKED

MISTRETTAS SHADOW HAWK

ASCA Litter # 31031

Trim Color WHITE/COPPER

MALE

BLACK

Eye Color LEFT - BLUE RIGHT - BLUE

Sire MISTRETTAS EAGLE SONG E54424

Dam WICH MISTRETTAS ZAGALA CON OJO ZACA E30450

Litter Owner VICTORIA &/OR CHRISTINA MISTRETTA

BLAKE OSBURN & VICTORIA & CHRISTINA MISTRETTA August 24, 1998

PO BOX 2468
GEARHART OR 97138

CERTIFICATE ISSUED

Transferred: July 15, 1998

Owner

REGISTRATION CERTIFICATE



Established 1957

AUSTRALIAN SHEPHERD CLUB OF AMERICA, INC.[®]

DNA DATABASE PROGRAM

This Certifies that the Australian Shepherd

Mistrettas Shadow Hawk DNA-CP E61895

owned by

Blake Osburn & Victoria & Christina Mistretta

Sire Mistrettas Eagle Song **Dam:** WTCH Mistrettas Zagala Con Ojo Zaca

has been recorded in the DNA Database Program.

August 19, 1999

Lucy Handley

ORTHOPEDIC FOUNDATION FOR ANIMALS INC.

MISTRETTAS SHADOW HAWK

Registered name

AUSTRALIAN SHEPHERD DOG

Breed

BLACK TRI

Color

Tattoo

535135

Application number

APRIL 4, 1995

Date of report

DL47681002

Registration no. (AKC, CKC)

MALE

Sex

SEPTEMBER 10, 1992

Date of birth

27

Age at evaluation in months

AS-8468E27M

O.F.A. REGISTRY NUMBER



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

BASED UPON THE RADIOGRAPH SUBMITTED THE CONSENSUS WAS THAT NO EVIDENCE OF HIP DYSPLASIA WAS RECOGNIZED.

THE HIP JOINT CONFORMATION WAS EVALUATED AS: **EXCELLENT**

**BONNIE BOND
6136 BATTLE RD.
MACKVILLE, KY 40040**

owner


E.A. CORLEY, D.V.M.
EXECUTIVE DIRECTOR

DYSPLASIA CONTROL REGISTRY

THE AMERICAN KENNEL CLUB CERTIFICATE OF DNA ANALYSIS

MISTRETTAS SHADOW HAWK

Australian Shepherd

Male

Birthdate: 10-Sep-1992

Reg # DL476810/02

Date of Analysis: 18-Nov-1999

Owned by: BLAKE OSBURN

CHRISTINA MISTRETTA

VICTORIA MISTRETTA

DNA Profile # V54642



The following genotype uniquely represents the PE AgGen certified genetic identity of the dog named herein:

C0067805

DL476810/02

									
CE	AA	AB	GZ	DD	EG	CE	AA	BH	BB
PEZ	PEZ	PEZ	PEZ	PEZ	PEZ	PEZ	PEZ	PEZ	PEZ
01	03	05	06	08	12	20	2010	2054	2079

Robert H. Slay
Robert H. Slay, Vice President
AKC

Joy Halverson, DVM
Joy Halverson, DVM, MPVM
PE AgGen



CANINE EYE REGISTRATION FOUNDATION

CERF: (765) 494-8179

5/4/02

BREED	AUSTRALIAN SHEPHERD	CERF #	AS-5149N/2002--115
REGISTRATION NAME	MISTRETTAS SHADOW HAWK	BRITH DATE	9/10/92
REGISTRATION NUMBER	E61895	COLOR	BLACK TRI
		SEX	MALE
BLAKE OSBURN		DATE EXAMINED	4/22/02
PO BOX 2468		PERMANENT IDENTIFICATION	NONE
GEARHART, OR 97138		NOTES	*MULTIPLE OWNERS

THIS CERTIFICATE IS VALID ONLY FOR 12 MONTHS, FROM DATE OF EXAMINATION. Certification relates to PHENOTYPE (appearance) only at time of examination; it implies no clearance for GENOTYPE (possible "carrier") or for heritable ocular disease developing subsequent to date of examination.

WARNING: certificate invalid if background not printed in blue ink with the word "original" printed in red ink.

Owner
 Christina & Victoria Wistruffe
 Address (Street & No., City, Zip Code)
 10. Fox 2488 Contact 047138
 Animal Registered Name
 Wistruffe's Shadow Hawk
 Breed/Variety
 Aust Shepherd Black Tri none
 Coat color/type
 Tattoo / Chip #



**CANINE EYE
 REGISTRATION
 FOUNDATION**

REGISTRATION NO. [Grid of numbers 0-9]

I hereby declare that the animal submitted for exam is the animal described above. Furthermore, I declare I am the owner or agent of the owner of this animal.
 Signature

RIGHT EYE
 upper lower
 microphthalmos
 entropion
 ectropion
 distichiasis
 ectopic cilia
 macroblepharon
THIRD EYELID
 cartilage anomaly/eversion
 gland prolapse
CORNEA
 dystrophy - epithelial/stromal
 dystrophy - endothelial
 chronic superficial keratitis/pannus
 exposure keratopathy syndrome
UVEA
 iris cysts
 iris coloboma
 persistent pupillary membranes

LEFT EYE
 upper lower
 microphthalmos
 entropion
 ectropion
 distichiasis
 ectopic cilia
 macroblepharon
THIRD EYELID
 cartilage anomaly/eversion
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CORNEA
 dystrophy - epithelial/stromal
 dystrophy - endothelial
 chronic superficial keratitis/pannus
 exposure keratopathy syndrome
UVEA
 iris cysts
 iris coloboma
 persistent pupillary membranes

FOR CERF USE ONLY

BREED: [Grid of letters A-Z]

COLOR: [Grid of numbers 0-9]

SEX: Male Female

BIRTH DATE: [Grid of months and days]

EXAM DATE: [Grid of months and days]

RIGHT EYE

GLOBE
 upper lower
 microphthalmos
 entropion
 ectropion
 distichiasis
 ectopic cilia
 macroblepharon

EYELIDS
 upper lower
 entropion
 ectropion
 distichiasis
 ectopic cilia
 macroblepharon

THIRD EYELID
 cartilage anomaly/eversion
 gland prolapse

CORNEA
 N [Diagram]
 T [Diagram]
 A [Diagram]
 P [Diagram]

Its to Sheets
 Its to Lens
 Its to Iris

LEFT EYE

GLOBE
 upper lower
 microphthalmos
 entropion
 ectropion
 distichiasis
 ectopic cilia
 macroblepharon

EYELIDS
 upper lower
 entropion
 ectropion
 distichiasis
 ectopic cilia
 macroblepharon

THIRD EYELID
 cartilage anomaly/eversion
 gland prolapse

CORNEA
 N [Diagram]
 T [Diagram]
 A [Diagram]
 P [Diagram]

Its to Sheets
 Its to Lens
 Its to Iris

RIGHT EYE

FUNDUS
 retinal atrophy - generalized
 retinal atrophy - suspicious
 retinal dysplasia
 choroidal hypoplasia
 staphyloma/coloboma
 retinal detachment
 retinal hemorrhage
 optic nerve coloboma
 optic nerve hypoplasia
 micropapilla
 OTHER reserved for conditions which are suspected as inherited. Describe in comments.
 OTHER reserved for conditions which are suspected as non-inherited. Describe in comments.

UVEA
 iris cysts
 iris coloboma
 persistent pupillary membranes

LENS
 anterior cortex
 posterior cortex
 equatorial cortex
 anterior sutures
 posterior sutures
 nucleus
 capsular
 generalized
 subluxation/luxation

VITREOUS
 degeneration
 persistent hyaloid artery
 PHPV/PTVL

CATARACT
 N [Diagram]
 T [Diagram]
 A [Diagram]
 P [Diagram]

Its to Sheets
 Its to Lens
 Its to Iris

LEFT EYE

FUNDUS
 retinal atrophy - generalized
 retinal atrophy - suspicious
 retinal dysplasia
 choroidal hypoplasia
 staphyloma/coloboma
 retinal detachment
 retinal hemorrhage
 optic nerve coloboma
 optic nerve hypoplasia
 micropapilla
 OTHER reserved for conditions which are suspected as inherited. Describe in comments.
 OTHER reserved for conditions which are suspected as non-inherited. Describe in comments.

UVEA
 iris cysts
 iris coloboma
 persistent pupillary membranes

LENS
 anterior cortex
 posterior cortex
 equatorial cortex
 anterior sutures
 posterior sutures
 nucleus
 capsular
 generalized
 subluxation/luxation

VITREOUS
 degeneration
 persistent hyaloid artery
 PHPV/PTVL

CATARACT
 N [Diagram]
 T [Diagram]
 A [Diagram]
 P [Diagram]

Its to Sheets
 Its to Lens
 Its to Iris

ACVO # 1152
 0000
 0001
 0002
 0003
 0004
 0005
 0006
 0007
 0008
 0009

Signature _____ Date 4-22-02
 Diplomat, American College of Veterinary Ophthalmologists
 COMMENTS

NO. 2 PENCIL,
 BLUE, OR
 BLACK
 INK OK

Canine Genetic Testing Report



Submitted By	AG110806
Blake Osburn	
P.O. Box 2395 Gearhart, OR 97138	

Subject Dog

Date Received: 1/23/2012

Dog Name: Mistrettas Shadow Hawk	Registration: DL476810/02
Breed: Australian Shepherd	Sex: Male
Phenotype: Black Tri	Birth: 1992

Sire
Sire Name: Mistrettas Eagle Song Breed: Australian Shepherd Registration: DL 458 681/01 Phenotype: Black Tri

Dam
Dam Name: Mistrettas Zagala Con Ojo Zaca Breed: Australian Shepherd Registration: DL458677/01 Phenotype: Black Tri

Coat Color/Type Testing	
A Locus-Ay	Not Tested
A Locus-a	Not Tested
B Locus	Not Tested
D Locus	Not Tested
E Locus- EM	Not Tested
E Locus- e	Not Tested
K Locus-KB	Not Tested
Hair Length	Not Tested

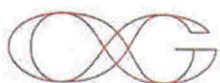
Genetic Disorders		
	CN	Not Tested
	DM	Not Tested
X	HC	n/n Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.
	MDR1	Not Tested
	NCL	Not Tested
	PFKD	Not Tested
	PLL	Not Tested
	TNS	Not Tested

Genetic Marker Results		Run Date:
-	-	Not Tested
AHT121	AHT137	
AHT171	AHT260	
AHTk211	AHTk253	
C22-279		
-	-	
CAN-AMEL	FH2054	
FH2648	INRA21	
INU005	INU030	
INU055		
-	-	
REN54P11	REN162C04	
REN169D01	REN169O18	
REN247M23		

Additional Comments
None

CN = Cyclic Neutropenia
 DM = Degenerative Myelopathy
 HC = Hereditary Cataracts
 MDR1 = Multi-Drug Resistance
 NCL = Neuronal Ceroid Lipofuscinosis
 PFKD = Phosphofructokinase Deficiency
 PLL = Primary Lens Luxation
 TNS = Trapped Neutrophil Syndrome

Thank you for choosing Animal Genetics Inc.



Test Report

Blake M. Osburn
PO box 2395
gearhart, Oregon 97138
USA

Optigen Accession #: **10-2297**
Report issued for: **hawk**

OptiGen Test Certificate

Optigen Accession #: 10-2297

Report Issued: 04/08/2010

Test Performed: CEA/CH test

Result: Normal
Sample Type: Semen

Registered Name: mistrettas Shadow Hawk

Reg#: DL476810/02

Breed: Australian Shepherd

ID#: N/A

Sex: Male

Date of Birth: September 10, 1992

Owner(s):

Blake M. Osburn

blake osburn

victoria Mistretta

christina mistretta



Susan Peasart Kelling
OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is Normal.

Risk for developing Collie Eye Anomaly/Choroidal Hypoplasia (CEA/CH): This dog will never develop CEA/CH.

Significance for breeding: This dog can be bred to any mate and will produce no pups affected with CEA/CH.

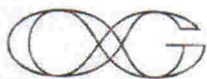
This interpretation is based on the test result of the DNA test for the specific mutation identified as causing CEA/CH in Australian Shepherds as of the date on this report.

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: _____



OPTIGEN® LLC

for the genetic advantage

Test Report

Blake M. Osburn
PO box 2395
gearhart, Oregon 97138
USA

Optigen Accession #: **10-2297**
Report issued for: **hawk**

OptiGen Test Certificate

Optigen Accession #: 10-2297

Test Performed: prcd Mutation Test for PRA

Registered Name: mistrettas Shadow Hawk

Breed: Australian Shepherd

Sex: Male

Date of Birth: September 10, 1992

Owner(s):

Blake M. Osburn

blake osburn

victoria Mistretta

christina mistretta

Test Completed: 01/12/2012

Report Issued: 01/13/2012

Result: Normal

Sample Type: Semen

Reg#: DL476810/02

ID#: N/A



Susan Peaslee Kelling
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).

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.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the prcd form of PRA in Australian Shepherds as of the date on this report.

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

Note: The use of this test is patent protected and licensed to OptiGen. See http://www.optigen.com/opt9_patent.html for details.

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

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Signature of owner or authorized representative: _____

Cornell Business & Technology Park

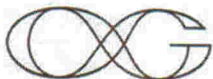
tel: 607.257.0301

fax: 607.257.0353

767 Warren Road, Suite 300, Ithaca, NY 14850

email: genetest@optigen.com

web: www.optigen.com



Test Report

Blake M. Osburn
PO box 2395
gearhart, Oregon 97138
USA

Optigen Accession #: 10-2297
Report issued for: Hawk

OptiGen Test Certificate

Optigen Accession #: 10-2297

Test Completed: 03/23/2012
Report Issued: 03/27/2012

Test Performed: CMR1 test

Result: Normal
Sample Type: Semen

Registered Name: mistrettas Shadow Hawk

Reg#: DL476810/02

Breed: Australian Shepherd

ID#: N/A

Sex: Male

Date of Birth: September 10, 1992

Owner(s):

Blake M. Osburn
Victoria Mistretta
Christina Mistretta



Susan Peasart Kelling
OptiGen Authorized Signature

www.optigen.com

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

Risk for developing CMR1 : This dog will never develop Canine Multifocal Retinopathy Type 1(CMR1). Note that the primary symptom of CMR1 is retinal folding and there are a variety of causes of retinal folds in dogs. Some but not all retinal folds are due to hereditary factors. If your dog has retinal folds but is Normal for CMR1, you should discuss the significance of this with your veterinary ophthalmologist.

Significance for breeding: CMR1 in your breed is believed to be an autosomal recessive disease, meaning that a dog must inherit two copies of the diseased gene in order to be clinically affected. With this type of inheritance, a Normal/Clear dog will never produce an affected offspring, even if it is mated to a CMR1-affected dog. Note that other inheritance patterns for a similar disease are known in humans and might be found in dogs.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the CMR1 form of Canine Multifocal Retinopathy in Australian Shepherds as of the date on this report.

For further information, please visit OptiGen's 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: _____

Cornell Business & Technology Park

tel: 607.257.0301

fax: 607.257.0351

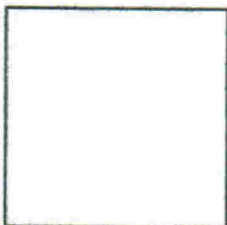
767 Warren Road, Suite 300, Ithaca, NY 14850

email: genetest@optigen.com

web: www.optigen.com

Judhi

From: "Ameson, Judy" <vcpl.judy@vetmed.wsu.edu>
To: "Judhi" <gearhartaussies@msn.com>
Sent: Friday, January 27, 2012 2:06 PM
Subject: MDR1 Genotyping Results for Mistrettas Shadow Hawk

**MDR1 GENOTYPING RESULTS**

1/27/2012 10:11:54 AM
MDR1 - 24082

Blake Osburn
Gearheart, OR

Submission Type: Other

Dog Name: Mistrettas Shadow Hawk
Dog Breed: Australian Shepherd

Test Result: **Normal/Normal**

Explanation of test results**Normal/Normal**

These dogs do not carry the mutation, and will not pass on the mutation to their offspring. These dogs would not be expected to experience unexpected adverse drug reactions to normal doses of ivermectin, loperamide (Imodium®), and some anticancer drugs.

Mutant/Mutant

These dogs carry the mutation and can not pass on a normal gene to their offspring. These dogs would be expected to experience toxicity after normal doses of loperamide (Imodium®), some anticancer drugs, and high doses of ivermectin (greater than 50 micrograms per kilogram).

Mutant/Normal

These dogs carry the mutation and may pass on the mutant gene to their offspring. These dogs may experience toxicity after normal doses of loperamide (Imodium®), some anticancer drugs, and high doses of ivermectin (greater than 50 micrograms per kilogram).