



*Certificate Number: AC2610*

**Animal Health Trust**  
Newmarket  
Suffolk, UK

**DNA TEST FOR HEREDITARY CATARACT**

*Registered Name: Ivory Isles Meets The Criteria*

*Registration Number: E141300*

*Microchip/Tattoo Number: 455 153 490A*

*Breed: AUSTRALIAN SHEPHERD*

This dog is CLEAR of the hereditary cataract mutation.

*Authentication code: AC6516182*

*Date: 17 August, 2010*

*Explanation of terms:*

This dog does not carry any copies of the HC mutation and will neither develop the form of HC that is associated with this mutation, nor pass a copy of the HC mutation to any of its offspring.

Dr. N. G. Holmes  
Genetic Services Manager

*Any deletions or additions made will invalidate this certificate*

**ANTECH DIAGNOSTICS**

2433 Globe Cove Rd Southaven MS 38671 Phone: 888-397-8378

**Lincoln Road Vet Clinic**

535 Lincoln Rd  
Grants Pass, OR 97526  
Tel: 541-476-7769  
Fax: 541-472-8895

Client # 258126  
Chart #

Accession No.	Doctor	Owner	Pet Name	Received
<b>MECA01628831</b>	COAD	<b>BURKART</b>	SYD	08/24/2010
Species	Breed	Sex	Pet Age	Reported
Canine		M	5Y	08/24/2010 02:58 PM
<b>Test Requested</b>	<b>Results</b>	<b>Reference Range</b>	<b>Units</b>	

**CYTOLOGY**

Cytology

Blood smear screen for Pelger Huet anomaly  
Neutrophils and eosinophils are all normally segmented in this case.  
Liz Wilson, DVM, dipl ACVP

<p><b>Pedigree of:</b></p> <p>Ch Ivory Isles Meets the Criteria Red Merle C/W F=14.47% M DN10952110 3/29/2005</p>	<p>Ch Tri-Ivory Return of the King DNA-CP Blue RF AS-19844G24M-PI F=15.25% DL91248801 7/22/2002</p>	<p>Ch Blue Isie the Criticrareraving STDD DNA-CP Red C/W AS-15724E25M-PI F=11.14% E101104 DL77601904 1068358 2/10/1999</p>	<p>Ch Carolinas Rave Reviews CD STDc ATDds DNA-CP E85219 DL66169101</p>	<p>Ch Calais Outaoptions of Carolina STDs DNA-CP</p>	
		<p>Ch Tri-Ivory Waterfront Ultima Blue C/W RF AS-17121E38F-PI F=17.72% E101856 DL78117901 2/25/1999</p>	<p>Ch Friends Angel E70977 DL54516405</p>	<p>Ch Royal Aires Jillerooofcarolina</p>	
		<p>Ch Starswepts Hi Flyin' At Hisaw DNA-CP Black C/W RF AS-14381G24M F=11.30% E95162 DL74447104 3/13/1998</p>	<p>Ch Tri-Ivory Make A Big Wish E90482 DL67714601</p>	<p>Ch The Man From Heatherhill</p>	
			<p>Tri-Ivory Lenox Clarity DL51431901</p>	<p>Ch Mystery Girl of Heatherhill</p>	
		<p>Ch Criterias Fly Me To the Moon DNA - CP Red C/W AS-19122G36F-PI F=12.25% E114041 DL86040502 1/19/2001</p>	<p>Donnybrooks Harlieanna Sierra DNA-VF Blue C/W RF AS-14462E25F-T F=8.11% E94958 DL73508409 3/12/1998</p>	<p>Ch My Main Man of Heatherhill E37175 DL40345702</p>	<p>Ch My Main Man of Heatherhill</p>
				<p>Ch Starswepts Hifalutin of Hisaw E54417 DL49594905</p>	<p>Tri-Ivory I've Gotta Alibi</p>
	<p>Ch Toppers Ace of Spades E31346 DL40359302</p>		<p>Donnybrooks Good Ship Lollipop E56199 DL46704701</p>	<p>Ch Propwash Manape Ghost rider</p>	<p>Ch Agua Dulce Final Option DNA-CP</p>
			<p>Ch Arrogance of Heatherhill CD STDd</p>	<p>Ch Parkhills Hug Me In the Fog CD</p>	

Pedigree generated by WebGeneal 4.7.1PFM (2006.08.05/2006/08/05) on Mon 07 May 15:46:56 2007 UTC.  
 There are no guarantees made as to the accuracy of the data published at this site. For questions or further information, please visit Sponsor *Blue Can Stockdogs* on the Internet at <http://www.hrdndog.com>.



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 Database maintained by [macro@hrdndog.com](mailto:macro@hrdndog.com). Please contact him for questions, additions, or changes regarding the database.



Established 1957

# AUSTRALIAN SHEPHERD CLUB OF AMERICA, INC.®

presents to the AUSTRALIAN SHEPHERD

*CH IVORY ISLES MEETS THE CRITERIA DNA-VP*

Registration No. E141300

## THE AWARD OF DNA-VP

*has been verified and recorded in the DNA Database.*

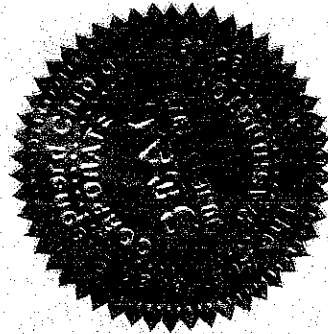
**having fully completed the requirements of this club**

On this date July 16, 2008

### OWNERS


TERRI BURKART- SWENSON

CATY O'CONNOR



July 16, 2008

Issued this date

  
ASCA President

# THE AMERICAN KENNEL CLUB DNA PROFILE

## CH IVORY ISLES MEETS THE CRITERIA

Breed: Australian Shepherd  
 Sex: Male  
 Date of Birth: March 29, 2005  
 Registration #: DN109521/10  
 ID #: 455 153 490A  
 Date of Analysis: March 30, 2008  
 Owned by: Terri Swenson, Caty O'Connor

DNA Profile #: V510041

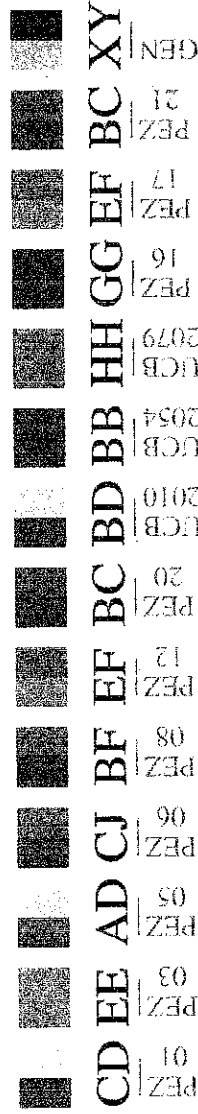


AMERICAN  
KENNEL CLUB<sup>SM</sup>

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

C0584160

DN109521/10



*Margaret H. Poindexter*

Margaret H. Poindexter, Assistant Vice-President  
American Kennel Club®

*Dennis Fautin* Ph.D., MBA

Dennis Fautin, Ph.D., MBA  
MMI GENOMICS, INC.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

IVORY ISLES MEETS THE CRITERIA

registered name

AUSTRALIAN SHEPHERD

breed

RED MERLE

color

455153490A

tattoo/microchip/DNA profile

1262835

application number

4/24/2007

date of report

E141300

registration no.

M

sex

3/29/2005

date of birth

24

age at evaluation in months

AS-23225G24M-PI

O.F.A. NUMBER



A Not-For-Profit Organization

This 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.

GOOD

The hip joint conformation was evaluated as:

OWNER

TERRI SWENSON  
CATY O'CONNOR  
294 KILHAM ROAD  
AUBURN, CA 95603

*G.G. Keller, D.V.M.*

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

www.offa.org

**From:** Arneson, Judy [vcpl.judy@vetmed.wsu.edu]  
**Sent:** Friday, August 27, 2010 10:08 AM  
**To:** Terri Burkart  
**Subject:** MDR1 Genotyping Results for Ivory Isles Meets the Criteria



## MDR1 GENOTYPING RESULTS

8/27/2010 9:17:07 AM  
MDR1 - 18479

Terri Burkart  
Auburn, CA

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Submission Type: Brush

Dog Name: Ivory Isles Meets the Criteria

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).

A current list of problem drugs for dogs with the MDR1 mutation may be found at this web address:  
[http://www.vetmed.wsu.edu/V\\_CPL](http://www.vetmed.wsu.edu/V_CPL)