

Coat Color and Trait Certificate

Call Name:

Shasta Cindu

Laboratory #:

91002

Registered Name:

9

Registration #: Certificate Date:

-

July 13, 2018

Breed:

Border Collie

Sex:

Female

DOB:

June 2018

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

Coat Color/Trait Test

Gene

Genotype

Interpretation

E Locus (Yellow/Red)

MC1R

E/e

Black (carries yellow/red)

Interpretation:

This dog carries one copy of **E** and one copy of **e** which allows for the production of black pigment. However, this dog's coat color is also dependent on the K, A, and B genes. This dog will pass **E** on to 50% of its offspring and **e** to 50% of its offspring, which can produce a yellow/red coat (including shades of white, cream, yellow, apricot or red) if inherited with another copy of **e**.

Paw Print Genetics[®] has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.

Helen F Smith, PhD

Heles Short

Assistant Laboratory Director

Casey R Carl, DVM

Associate Medical Director

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. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. 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.

HERITAGE HAVEN EQUINE

17159 Sprecher Rd Boonsboro MD (301) 223-6731

Client

: Logan Fraker

Fort Littleton, PA

17223

Phone

: (717) 860-1693

Patient : Cindy

Acct No.:

7665 O

Species : Canine Sex

: Fe

Color

Breed

Border Collie Black & White

DOB

: 06/02/2018

RABIES VACCINATION INFORMATION

Rabies: Rabvac

Date Vaccinated: 10/25/2018

Vaccine Type:

Tag No.: 191493

Expires: 10/25/2019

Producer: Boehringer Ingelheim

I hereby certify that I have vaccinated this animal in accordance with the company's recommendation for the vaccine used on the above date.

VSignature of licensed veterinarian administering vaccination

DrJennifer Little,

License:: PA Bv011776: MD 6079: WV 42-2011

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Canine Genetic Health Certificate™

Call Name:

Cloud

Registered Name:

JBC Cloud

Breed:

Border Collie

Sex: DOB: Male

Sept. 2014

Laboratory #:

16937

Registration #: Certificate Date:

May 22, 2018

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

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	NHEJ1	WT/WT	Normal (clear)
Degenerative Myelopathy	SOD1	WT/WT	Normal (clear)
Intestinal Cobalamin Malabsorption (Border Collie Type)	CUBN	WT/WT	Normal (clear)
Multidrug Resistance 1	ABCB1	WT/WT	Normal (clear)
Neuronal Ceroid Lipofuscinosis 5	CLN5	WT/WT	Normal (clear)
Sensory Neuropathy (Border Collie Type)	FAM134B	WT/WT	Normal (clear)
Trapped Neutrophil Syndrome	VPS13B	WT/WT	Normal (clear)

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

Chthy

Christina J Ramirez, PhD, DVM, DACVP

Medical Director

Casey R Carl, DVM Associate Medical Director

Paw Print Genetics[®] performed the tests listed on this dog. 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. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. 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.



Canine Genetic Health Certificate™

Call Name:

Indy

Registered Name:

CRL Indigo

Breed: Sex: Border Collie Female

DOB:

March 2009

Laboratory #:

Registration #:

Certificate Date:

16939

June 8, 2018

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

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	NHEJ1	WT/WT	Normal (clear)
Degenerative Myelopathy	SOD1	WT/WT	Normal (clear)
Intestinal Cobalamin Malabsorption (Border Collie Type)	CUBN	WT/WT	Normal (clear)
Multidrug Resistance 1	ABCB1	WT/WT	Normal (clear)
Neuronal Ceroid Lipofuscinosis 5	CLN5	WT/WT	Normal (clear)
Sensory Neuropathy (Border Collie Type)	FAM134B	WT/WT	Normal (clear)
Trapped Neutrophil Syndrome	VPS13B	WT/WT	Normal (clear)

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

Helm Sunt

Helen F Smith, PhD Assistant Laboratory Director Christina J Ramirez, PhD, DVM, DACVP

Medical Director

Cht

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Please do these things at home for me.

At home, I need regular treatments for parasites. The check-off chart below will help make sure we don't miss a single dose.

Heartworm Disease Prevention & Intestinal Parasite Treatment/Control

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Merial is now part of Boehringer Ingelheim.

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MY HEALTH RECORD.



My name
My breed BORDER COLLE
My birthday 6-S-2018
Date of my first health check
F FS M MN
My tattoo/microchip number
Pet owner name
Address
Phone
Veterinary clinic information
Address
Phone
Emergency clinic phone

VILLACE VETERINARY CLINIC

A. M. Manzoni DVM

105 W. Seginew 6L

HEMLOCK, MKHROAN 48328

989 642 2135





My health history.

I need a regular physical examination to help me stay healthy. This checkup gives my veterinarian the chance to look me over and find any potential health problems before they get serious. During the exam, my veterinarian will ask you questions and might call for laboratory tests. We'll learn about preventive health care, including vaccination, parasite control, proper nutrition and dental care.

Medical/Surgical/Dental

Year	Proced	dure/T	herapy					
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