

Canine Genetic Testing Report



Submitted By

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Canada

Subject Dog 00339948

Date Received: 2/3/2022

Dog Name: **Glasgow Hill's Showboat**
Breed: **Rough Collie**
Phenotype: **Blue Merle**

Registration: **HG4001775**
Microchip: **956000012288993**
Sex: **Female**

Birth: **04/14/2020**

Sire

Sire Name: **AM. CH. Annsdale's Twin Pine Booms Like Thunder**
Breed: **Rough Collie**
Registration: **FD-EA3982518**
Phenotype: **Tri-Color**

Dam

Dam Name: **Glasgow Hill's Bodacious**
Breed: **Rough Collie**
Registration: **CW631046**
Phenotype: **Blue Merle**

Coat Color Testing

A Locus-Ay	Not Tested
A Locus-Aw	Not Tested
A Locus-At	Not Tested
A Locus-a	Not Tested
B Locus	Not Tested
Cocoa	Not Tested
D Locus	Not Tested
E Locus- EM	Not Tested
E Locus- e	Not Tested
K Locus-KB	Not Tested
Spotting	Not Tested
Harlequin	Not Tested
Merle	Not Tested

Coat Type Testing

Hair Length	Not Tested
Hair Curl	Not Tested
Furnishings	Not Tested
Shedding	Not Tested

Genetic Disorders

X	CEA	CEA/CEA	Affected: Dog has two copies of the NHEJ1 deletion associated with Collie Eye Anomaly and will be affected by the disorder. Dog will always pass on a copy of the CEA mutation.
X	CN	n/n	Clear: Dog tested negative for the Cyclic Neutropenia mutation.
X	DM	n/n	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
X	DMS	002:01 002:01 aabb	Dog is at low risk of developing Dermatomyositis.
X	MDR1	n/M1	Carrier: Dog carries one copy of the mutation and may pass it on to offspring. May experience some sensitivity to ivermectin or other associated drugs.

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-	-	-
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

None