

## Canine Genetic Testing Report



### Submitted By

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Date Received: 5/13/2021

**Subject Dog** 00260580

Dog Name: **Glasgowhill's DeJade Bentley**  
Breed: **Rough Collie**  
Phenotype: **Sable & White**

Registration:  
Microchip: 956000007513167  
Sex: **Male** Birth: 23/02/2021

### Sire

Sire Name: **Glasgowhill's Murphy's Law**  
Breed: **Rough Collie**  
Registration: **GL3981642**  
Phenotype: **Tri Color**

### Dam

Dam Name: **GlasgowHill's Blow My Mind**  
Breed: **Rough Collie**  
Registration: **GS3970131**  
Phenotype: **Sable & White**

### 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  | n/CEA                    | Carrier: Dog carries one copy of the Collie Eye Anomaly mutation and could pass the mutation on to any offspring.                                |
| X | CN   | n/n                      | Clear: Dog tested negative for the Cyclic Neutropenia mutation.  |
| X | DM   | n/n                      | Clear: Dog is negative for the Degenerative Myelopathy mutation.   |
| X | DMS  | 002:01<br>002:01<br>aabb | Dog is at low risk of developing Dermatomyositis.  |
| X | MDR1 | n/n                      | Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder. |
|   |      |                          |  |
|   |      |                          |  |
|   |      |                          |  |
|   |      |                          |  |
|   |      |                          |  |

### Genetic Marker Results

Run Date: Not Tested

|          |           |           |           |           |         |         |
|----------|-----------|-----------|-----------|-----------|---------|---------|
| -        | -         | -         | -         | -         | -       | -       |
| AHT121   | AHT137    | AHT171    | AHT260    | AHTk211   | AHTk253 | C22-279 |
| -        | -         | -         | -         | -         | -       | -       |
| CAN-AMEL | FH2054    | FH2848    | INRA21    | INU005    | INU030  | INU055  |
| -        | -         | -         | -         | -         | -       | -       |
| REN54P11 | REN162C04 | REN169D01 | REN169O18 | REN247M23 |         |         |

### Additional Comments

None