

Canine Genetic Testing Report

Submitted By

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 Elevage deJade Perm, Enr.
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 Canada


Subject Dog 00075588

Date Received: 2/10/2017

Dog Name: **DeJade Imagine A Blue Star**
 Breed: **Collie**
 Phenotype: **Blue Merle**

Registration: **BU602855**
 Sex: **Female**
 Birth: **16 Oct 2014**

Sire

Sire Name: **CH. Living Water Blue Chip Stock**
 Breed: **Collie**
 Registration: **XU378709**
 Phenotype: **Blue Merle**

Dam

Dam Name: **CH. DeJade Imagine A Star CD RE CGN**
 Breed: **Collie**
 Registration: **WL325872**
 Phenotype: **Sable & White**

Coat Color Testing

A Locus-Ay	
A Locus-At	
A Locus-a	
B Locus	
D Locus	
E Locus- EM	
E Locus- e	
K Locus-KB	
Spotting	
Harlequin	
Merle	

Coat Type Testing

Hair Length	
Hair Curl	
Furnishings	
Bobtail	

Genetic Disorders

X	CEA	CEA/CE A	Affected: Dog carries two copies of the Collie Eye Anomaly mutation, and will be affected by the disorder. The dog will always pass on a copy of the CEA mutation 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	MDR1	M1/M1	Affected: Homozygous for MDR1 and dog will always pass the gene on to offspring. Will experience sensitivity to ivermectin or other associated drugs.

Genetic Marker Results

Run Date:

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

Additional Comments