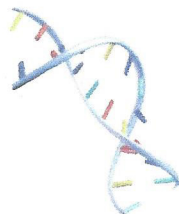


Canine Genetic Testing Report



Submitted By
 Lee & Suzy Foss
 Gold Creek Ranch
 365 Gold Creek Loop
 Hamilton, MT 59840
 United States

Date Received: 3/23/2017

Subject Dog 00079320
 Dog Name: **MFR Nutmeg** Registration: 422859
 Breed: Border Collie Sex: Female
 Phenotype: Red Merle Birth: 08/09/2015

Sire
 Sire Name: Rhett
 Breed: Border Collie
 Registration: ABCA405727
 Phenotype: Red and White Tri

Dam
 Dam Name: GR Zoey
 Breed: Border Collie
 Registration: ABCA
 Phenotype: Blue Merle

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	

Genetic Disorders			
X	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
	DM		
X	IGS	n/n	Clear: Dog tested negative for the IGS mutation.
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.
	MH		
X	NCL	n/n	Clear: Dog tested negative for the NCL mutation.
X	PLL	n/n	Clear: Dog tested negative for the Primary Lens Luxation mutation.
X	TNS	n/n	Clear: Dog tested negative for the TNS mutation.

Coat Type Testing	
Hair Length	
Hair Curl	
Furnishings	
Bobtail	

Genetic Marker Results						Run Date:
-	-	-	-	-	-	
CEA	DM	IGS	MDR1	NCL	PLL	TNS
-	-	-	-	-	-	
CEA	DM	IGS	MDR1	NCL	PLL	TNS
-	-	-	-	-	-	
CEA	DM	IGS	MDR1	NCL	PLL	TNS

Additional Comments