

## Canine Genetic Testing Report

Submitted By
Callie Brown
14987 Budd Rd Dubuque, IA 52002

<b>Subject Dog</b> 00146395	Date Received: 2/16/2019
Dog Name: <b>GDA's Remmy (Light Green Boy)</b> Breed: Goldendoodle Phenotype:	Registration: Microchip: Sex: Male Birth:

<b>Sire</b>
Sire Name: Breed: Registration: Phenotype:

<b>Dam</b>
Dam Name: Annabelle Breed: Registration: Phenotype:

Coat Color Testing		
X	A Locus-Ay	n/n Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n Negative for wild-sable.
X	A Locus-At	At/At Dog has two copies of the tan points/tricolor gene.
X	A Locus-a	n/n Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	B/b Dog carries a copy of the allele responsible for brown color and can potentially pass on that allele to future offspring.
X	D Locus	D/D Dog is negative for the dilution gene.
X	E Locus- EM	n/n Dog does not carry allele for melanistic mask.
X	E Locus- e	e/e The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
X	K Locus-KB	n/KB Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
X	Spotting	N/N Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin	Not Tested
	Merle	Not Tested

Genetic Disorders		
X	CDDY	N/N Dog is negative for the CDDY mutation.
X	CDPA	N/N Dog is negative for the CDPA mutation.
X	DM	n/n Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	GR-PRA1	n/n Clear: Dog tested negative for the GR-PRA1 mutation.
X	GR-PRA2	n/n Clear: Dog tested negative for the GR-PRA2 mutation.
X	Ich	n/n Clear: Dog tested negative for the Ichthyosis mutation.
X	MD	n/n Clear: Dog tested negative for the Muscular Dystrophy mutation.
X	NEwS	n/n Clear: Dog tested negative for the NEwS mutation.
X	prcd-PRA	n/n Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation.
X	vWD1	n/n Clear: Dog tested negative for the von Willebrand's Type I mutation.

Coat Type Testing		
X	Hair Length	l/l Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	n/n Non-Curly Coat: Dog does not carry the mutation for coat curl.
X	Furnishings	F/F Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
	Bobtail	Not Tested
X	Shedding	n/n Negative: Dog is unlikely to be a high shedding dog.

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**

A-Panel: At/At - Homozygous for black-and-tan.  
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.

# AnimalGenetics

INCORPORATED  
1336 Timberlane Road  
Tallahassee, FL 32312-1766

INVOICE **608626**

AG256253

Bill To: Callie Brown

14987 Budd Rd  
Dubuque, IA 52002

Date Received	PO#	Account #	Cost	Payment	Amount Due
2/16/2019		AG156253	\$265.00	\$265.00	\$0.00

Dog Name	Tests Performed	Cost
GDA's Remmy (Light Green Boy)	A-Panel, B, D, E, EM, K, Sp, L, Curl, Furn, Shed, CDDY, CDPA, DM, G	\$515.00

Total Cost	\$265.00
Payment	\$265.00
<b>Amount Due</b>	<b>\$0.00</b>