



Centronuclear Myopathy DNA Test

Case Number: 113185

Owner: Ron Morelos

2708 Canary Dr

Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/23/2018

DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.


Matt Shaunessy, Senior Scientist



Cystinuria DNA Test

Case Number: 113186

Owner: Ron Morelos

2708 Canary Dr

Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **Clear (2 copies of the normal allele)**

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Matt Shaunessy, Senior Scientist



Degenerative Myelopathy DNA Test

Case Number: 113187

Owner: Ron Morelos

2708 Canary Dr

Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **Clear (2 copies of the normal allele)**

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Matt Shaunessy, Senior Scientist



Exercise Induced Collapse DNA Test

Case Number: 113188

Owner: Ron Morelos
2708 Canary Dr
Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **Carrier (1 normal allele/1 EIC mutation)**

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Matt Shaunessy, Senior Scientist



PRA-prcd DNA Test

Case Number: 113189

Owner: Ron Morelos

2708 Canary Dr

Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.


Matt Shaunessy, Senior Scientist



Coat Color DNA Test

Case Number: 113190

Owner: Ron Morelos

2708 Canary Dr

Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **DD C.22G>A -/-**

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This supplemental sheet can be used as a guide to help clients better understand their DNA Coat Color results.

More comprehensive information about DNA Color testing can be found at our webpage:

<http://www.vetdnacenter.com/canine-dna-coat-color.html>

BB	S41C -/-, Q331X -/-, 345delP -/-	(does not carry brown)
Bb	S41C +/-, Q331X -/-, 345delP -/-	(brown carrier)
Bb	S41C -/-, Q331X +/-, 345delP -/-	(brown carrier)
Bb	S41C -/-, Q331X -/-, 345delP +/-	brown carrier)
Bb ₂	S41C +/-, Q331X -/-, 345delP +/-	(carries 2 copies of brown alleles)
bb	S41C , Q331X , 345delP	(brown phenotype; 2 or more SNPs detected)

*Please note that brown color is also commonly referred to as “liver” or “chocolate” and occasionally “red” in a few breeds as well.

EE	R306ter	-/-	(does not carry yellow)
Ee	R306ter	+/-	(yellow carrier)
ee	R306ter	+/+	(yellow phenotype)

*Please note that yellow color in Labrador Retrievers can be interpreted differently in other breeds. The phenotype could include a number of lighter colors described by breeders as cream, white, clear red, red, or apricot.

DD	C.22G>A	-/-	(does not carry dilution)
Dd	C.22G>A	+/-	(dilute carrier)
dd	C.22G>A	+/+	(dilute phenotype)

E ^M E ^M	M264V	+/+	(2 copies of dominant mask allele)
E ^M E ^x	M264V	+/-	(1 copy of dominant mask allele & 1 copy of recessive non-mask allele)
E ^E E ^x	M264V	-/-	(2 copies of recessive non-mask allele)

NN	spot SINE	-/-	(2 copies of the non-piebald allele)
NS	spot SINE	+/-	(1 copy of the non-piebald allele and 1 copy of the piebald allele)
SS	spot SINE	+/+	(2 copies of the piebald allele)

K ^B K ^B	G23del	+/+	(2 copies of dominant allele)
K ^B K ^y	G23del	+/-	(1 copy of dominant allele & 1 copy of recessive allele)
K ^y K ^y	G23del	-/-	(2 copies of recessive allele)

a ^y a ^y	A82S	+/+	(2 copies of fawn/sable allele)
a ^y a ^w	A82S	+/-	(1 copy of fawn/sable allele & 1 copy of non-fawn/sable allele)
a ^w a ^w	A82S	-/-	(2 copies of non- fawn/sable allele)

aa	R96C	+/+	(2 copies of recessive black allele)
aa ^x	R96C	+/-	(1 copy of recessive black allele & 1 copy of non-recessive black allele)
a ^x a ^x	R96C	-/-	(2 copies of non-recessive black allele)

a ^w a ^w	tan SINE	-/-	(2 copies of the non-tan point allele)
a ^w a ^t	tan SINE	+/-	(1 copy of the non-tan point allele and 1 copy of the tan point allele)
a ^t a ^t	tan SINE	+/+	(2 copies of the tan point allele)

NN	PSMB7:c.146T>G	-/-	(does not carry harlequin)
NH	PSMB7:c.146T>G	+/-	(1 copy of the harlequin, harlequin is expressed if merle gene is also present)



Coat Length DNA Test

Case Number: 113191

Owner: Ron Morelos

2708 Canary Dr

Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **Clear (FGF5:c284G>T -/-; those having 2 copies of the normal allele)**

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Matt Shaunessy, Senior Scientist



Hereditary Nasal Parakeratosis DNA Test

Case Number: 113193

Owner: Ron Morelos
2708 Canary Dr
Costa Mesa CA 92626-4748

Canine Information

DNA ID Number: **159871**

Call Name: **Willis**

Sex: **Male**

Birthdate: **01/30/2012**

Breed: **Labrador Retriever**

Coat Color: **Black**

Registered Name: **GCH Stonewall's I'll Have Another**

Registration Number: **SR71200703**

Microchip/Tattoo: **078 534 091**

Report Date: 8/22/2018

DNA Result: **Clear (2 copies of the normal allele)**

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.


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