



GenSol
DIAGNOSTICS

Diesel

CERTIFICATE OF RESULTS

OWNERS NAME: CARRILEA WILSON
 PET'S NAME**: CARRIE BLUE

PET'S REGISTRATION #: NOT PROVIDED
 PET'S BREED: BORDER COLLIE
 TEST: E LOCUS (E LOCUS)
 DATE: 11/2/2020

Test Score Explanation Based on Inheritance:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

B

For detailed result explanation
 please visit our website:

www.GenSolDx.com

SAMPLE ID #:

207969

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

**GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GENSOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
 to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525

1-844-369-3686 - info@Gensoldx.com

WWW.GENSOLDX.COM



CERTIFICATE OF RESULTS

OWNERS NAME: CARRILEA WILSON
PET'S NAME**: CARRIE BLUE

Diesel

PET'S REGISTRATION #: NOT PROVIDED
PET'S BREED: BORDER COLLIE
TEST: D LOCUS (D LOCUS)
DATE: 11/2/2020

Test Score Explanation Based on Inheritance:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

A

SAMPLE ID #:

207968

For detailed result explanation
please visit our website:

www.GenSolDx.com

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

**GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GEN SOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525

1-844-369-3686 - info@Gensoldx.com

WWW.GENSOLDX.COM

Summary

We detected 1 notable
genetic variant in
Diesel's DNA.

212 1 0

Clear

Notable

At Risk

Key Findings

Notable

Early Adult Onset Deafness For Border Collies only (Linkage test)

Early Adult Onset Deafness is a disease of gradual hearing loss affecting both ears. This test is a linkage test and relevant for the Border Collie breed only. The disease causing variant has not yet been identified.

Diesel has 1 copy of this variant for this condition.

What it Means for Diesel

Please note this is a linkage test and Diesel is predicted to have one copy of the Early Adult Onset Deafness For Border Collies only (Linkage test) mutation. Two copies of the Early Adult Onset Deafness For Border Collies only (Linkage test) mutation are needed for a dog to be affected by this condition, so Diesel should not show disease signs due to this mutation. Please note that similar disease signs could develop due to a different genetic or clinical cause.

In addition, we were unable to determine a result for 1 test: Progressive Retinal Atrophy (Discovered in the Shetland Sheepdog - CNGA1 variant). On average, we check each location 6 times (replicate assessments).