



Summary

We detected 2 notable genetic variants in Jasper's DNA.

211

Clear

2

Notable

0

At Risk

Key Findings

Notable

Collie Eye Anomaly (CEA)

Collie Eye Anomaly (CEA) is an eye disease where the layer in the eye supplying blood and nutrients to the retina is thinner than normal, resulting in visual defects in more severely affected dogs. CEA is most commonly found in breeds of herding descent.

Jasper has 1 copy of this variant for this condition.

The significance of this condition is unknown given your dog's breed. While your dog has the genetic variant, we're unable to fully predict its effects in your dog.

What it Means for Jasper

Two copies of the Collie Eye Anomaly (CEA) mutation are needed for a dog to be affected by this condition, so Jasper 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.

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.

Jasper has 1 copy of this variant for this condition.

The significance of this condition is unknown given your dog's breed. While your dog has the genetic variant, we're unable to fully predict its effects in your dog.

What it Means for Jasper

Please note this is a linkage test and Jasper 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 Jasper 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: Acute Respiratory Distress Syndrome. On average, we check each location 6 times (replicate assessments).