

Maudie
 Registration: 478479
 Breed: Border Collie

DNA Test Report

Health Conditions Known in This Breed

Genetic Condition	Gene	Risk Variant	Copies
Collie Eye Anomaly (CEA)	NHEJ1	Deletion	0
Dental Hypomineralization	FAM20C	C>T	0
Early Adult Onset Deafness For Border Collies only (Linkage test)	Pending	Insertion	0
Goniodysgenesis and Glaucoma (Discovered in the Border Collie)	OLFML3	G>A	0
Intestinal Cobalamin Malabsorption (Discovered in the Border Collie)	CUBN	Deletion	0
MDR1 Medication Sensitivity	MDR1/ABCB1	Deletion	0
Sensory Neuropathy	FAM134B	Insertion	0
Trapped Neutrophil Syndrome	VPS13B	Deletion	0

Other Conditions Tested

Genetic Condition	Gene	Risk Variant	Copies
2,8-dihydroxyadenine (DHA) Urolithiasis	APRT	G>A	0
Acral Mutilation Syndrome	GDNF	C>T	0
Acute Respiratory Distress Syndrome	ANLN	C>T	0
Alaskan Husky Encephalopathy	SLC19A3	G>A	0
Alexander Disease	GFAP	G>A	0
Amelogenesis Imperfecta	ENAM	Deletion	0
Bandera's Neonatal Ataxia	GRM1	Insertion	0
Benign Familial Juvenile Epilepsy	LGI2	A>T	0
Canine Leukocyte Adhesion Deficiency (CLAD), type III	FERMT3	Insertion	0
Canine Multifocal Retinopathy 1	BEST1	C>T	0
Canine Multifocal Retinopathy 2	BEST1	G>A	0
Canine Multifocal Retinopathy 3	BEST1	Deletion	0