




8700 4040 2642

Miss Dream de Gos Negre, Border Collie

Registered Name: Miss Dream de Gos Negre**Owner:** Renata Cyrino**Nickname:** Lua**Country:** Brazil**Registration ID:** BR11983**Testing date:** 2020/8/5**Microchip:** 972270000178005**Breed:** Border Collie**Gender:** FemaleDog's identity verified from microchip or tattoo by veterinarian or other authorised person during sample taking: **No**

Test results - Known disorders in the breed

Disorder	Type	Mode of Inheritance	Result
Goniodysgenesis and glaucoma; mutation originally found in Border Collie	Ocular Disorders	Autosomal Recessive	 Carrier
Degenerative Myelopathy, (DM; SOD1A)	Neurological Disorders	Autosomal Recessive (Incomplete Penetrance)	Clear
Dental Hypomineralisation; mutation originally found in Border Collie	Other Disorders	Autosomal Recessive	Clear
Early Adult Onset Deafness (EAOD) in Border Collies (linked marker test)	Other Disorders	Autosomal Recessive (Incomplete Penetrance)	Clear
Intestinal Cobalamin Malabsorption or Imerslund-Gräsbeck Syndrome, (IGS); mutation originally found in Border Collie	Metabolic Disorders	Autosomal Recessive	Clear
Neuronal Ceroid Lipofuscinosis 5, (NCL5); mutation originally found in Border Collie	Neurological Disorders	Autosomal Recessive	Clear
Sensory Neuropathy; mutation originally found in Border Collie	Neurological Disorders	Autosomal Recessive	Clear
Trapped Neutrophil Syndrome, (TNS)	Blood Disorders	Autosomal Recessive	Clear

On behalf of Genoscooper Laboratories,



SIGNATURE

Jonas Donner, PhD. Head of Research and Development



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Miss Dream de Gos Negre, Border Collie

Registered Name: Miss Dream de Gos Negre

Owner: Renata Cyrino

Nickname: Lua

Country: Brazil

Registration ID: BR11983

Testing date: 2020/8/5

Microchip: 972270000178005

Breed: Border Collie

Gender: Female

Dog's identity verified from microchip or tattoo by veterinarian or other authorised person during sample taking: **No**

Additional Tests Available to Purchase

Disorder	Type	Mode of Inheritance	Result
OptiGen® Collie Eye Anomaly, (CEA)	Ocular Disorders	Autosomal Recessive	Clear

Test results - New potential disorders in the breed

Disorder	Type	Mode of Inheritance	Result
Cystinuria Type II-A; mutation originally found in Australian Cattle Dog	Renal Disorders	Autosomal Dominant	Clear
Myotonia Congenita; mutation originally found in Australian Cattle Dog	Muscular Disorders	Autosomal Recessive	Clear

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Test results for pharmacogenetics

Disorder	Mode of Inheritance	Result
Multi-Drug Resistance 1, (MDR1)	Autosomal Dominant	Clear

On behalf of Genoscooper Laboratories,

A handwritten signature in blue ink that reads 'Jonas Donner'.

SIGNATURE

Jonas Donner, PhD, Head of Research and Development
at Genoscooper Laboratories