



Pet Genetics Lab

www.petgeneticslab.co.uk

Compass House, Isle of Man Business Park, Isle of Man, IM2 2QZ

DNA Test Certificate: 3121111003132

Foresight Health® Dog

Name: Matthew Brown	Dog name: Libby
Address:	Sex: F (DOB: 2020-04-10)
Microchip: 981000010957150	Breed: Labrador Retriever
Registered name: Cleestangates liberty	Registered number:
Date Received: Oct 21, 2022	Results date: Nov 4, 2022

The DNA for this testing was collected by the owner/breeder.

Disorder	Mutation	Result
Centronuclear myopathy	HACD1 ()	CLEAR
Degenerative Myelopathy	SOD1 (c.100G>A)	CLEAR
Exercise-Induced Collapse	DNM1 (c.767G>T)	CLEAR
Hyperuricosuria	SLC2A9 (c.563G>T)	CLEAR
Hereditary nasal parakeratosis	SUV39H2 (c.972T>G)	CLEAR
Progressive Retinal Atrophy (PRA-PRCD)	PRCD (c.5G>A)	CLEAR
Skeletal Dysplasia 2	COL11A2 (c.143G>C)	CLEAR
Stargardt disease 1	ABCA4 (duplication)	CLEAR
Macular corneal dystrophy	LOC489707 (c.814C>A)	CLEAR

Guide to results

CLEAR	Clear means we have tested for the mutation known to cause the disorder and have not found it. Libby will not develop the disorder and does not carry it.
CARRIER	Carrier means we have tested for the mutation known to cause the disorder and have found one copy of it. Libby will not develop the disorder but can pass the mutation onto their offspring. If you choose to breed from this animal, care must be taken to ensure that any potential mate has tested CLEAR for the mutation Libby carries, otherwise approximately 25% of puppies will be affected with the disorder.
AT RISK	If your animal has any "at risk" mutations it means that our geneticists have determined that Libby is likely to develop the disorder. You should read the information about the disorder carefully, along with the notes left by our geneticists. It is advisable that you show this report to your vet during your next routine visit, unless otherwise indicated by the geneticist.

Disclaimer: we can only test for mutations which are currently known to cause specific disorders. This does not include mutations and disorders which have not yet been described.

Should Libby become ill you should always follow the advice of your veterinary surgeon.

This certificate was downloaded from our website on Jan 30, 2023.