



# Pet Genetics Lab

www.petgeneticslab.co.uk

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

## DNA Test Certificate: 31001812044540

### Foresight Health® Dog

<b>Name:</b> [REDACTED]	<b>Dog name:</b> Charlie
<b>Address:</b> [REDACTED]	<b>Sex:</b> [REDACTED]
<b>Microchip:</b> [REDACTED] 10289307	<b>Breed:</b> Australian Labradoodle
<b>Date Received:</b> Sep 19, 2019	<b>Results date:</b> Oct 7, 2019

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

Disorder	Mutation	Result
Degenerative Myelopathy	SOD1 (c.100G>A)	CLEAR
Glycogen Storage Disease VII (Phosphofructokinase deficiency)	PFKM (c.2228G>A)	CLEAR
Narcolepsy	HCRTR2 ()	CLEAR
Familial Nephropathy	COL4A4 (c.115A>T)	CLEAR
Pyruvate kinase deficiency	PKLR (c.799C>T)	CLEAR
Hyperuricosuria	SLC2A9 (c.563G>T)	CLEAR
Von Willebrand Disease I	VWF (c.7437G>A)	CLEAR
Progressive Retinal Atrophy (PRA-PRCD)	PRCD (c.5G>A)	CLEAR
Osteochondrodysplasia	SLC13A1 ()	CLEAR
Hereditary nasal parakeratosis	SUV39H2 (c.972T>G)	CLEAR
Centronuclear myopathy	HACD1 ()	CLEAR
Progressive Retinal Atrophy (PRA-CORD1/PRA-crd4)	RPGRIP1 (gross insertion)	CLEAR
Gangliosidosis GM2	HEXB (c.283delG)	CLEAR
Exercise-Induced Collapse	DNM1 (c.767G>T)	CLEAR
Neonatal encephalopathy with seizures	ATF2 (c.152T>G)	CLEAR
Myotubular myopathy 1	MTM1 (c.465C>A)	CLEAR
Skeletal Dysplasia 2	COL11A2 (c.143G>C)	CLEAR
Congenital Myasthenic Syndrome	COLQ (c.1010T>C)	CLEAR
Progressive Retinal Atrophy (GR-PRA2)	TTC8 (c.669delA)	CLEAR

## Guide to results

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<b>CLEAR</b>	Clear means we have tested for the mutation known to cause the disorder and have not found it. Charlie will not develop the disorder and does not carry it.
<b>CARRIER</b>	Carrier means we have tested for the mutation known to cause the disorder and have found one copy of it. Charlie 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 Charlie carries, otherwise approximately 25% of puppies will be affected with the disorder.
<b>AT RISK</b>	If your animal has any "at risk" mutations it means that our geneticists have determined that Charlie 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 Charlie become ill you should always follow the advice of your veterinary surgeon.

*This certificate was downloaded from our website on Jul 25, 2021.*