



## Pet Genetics Lab

www.petgeneticslab.co.uk

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

# DNA Test Certificate: 31210451007189

## Foresight Health® Dog

<b>Name:</b> Judy Ripley	<b>Dog name:</b> Oakley
<b>Address:</b>	<b>Sex:</b> M (DOB: 2020-07-02)
<b>Microchip:</b> 90013300041 [REDACTED]	<b>Breed:</b> Australian Labradoodle
<b>Date Received:</b> Jan 13, 2022	<b>Results date:</b> Jan 29, 2022

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

Disorder	Mutation	Result
Centronuclear myopathy	HACD1 ()	CLEAR
Congenital Macrothrombocytopaenia	TUBB1 (c.745G>A)	CLEAR
Degenerative Myelopathy	SOD1 (c.100G>A)	CLEAR
Exercise-Induced Collapse	DNM1 (c.767G>T)	CLEAR
Glycogen Storage Disease VII (Phosphofructokinase deficiency)	PFKM (c.2228G>A)	CLEAR
Hyperuricosuria	SLC2A9 (c.563G>T)	CLEAR
Hereditary nasal parakeratosis	SUV39H2 (c.972T>G)	CLEAR
Neonatal encephalopathy with seizures	ATF2 (c.152T>G)	CLEAR
Progressive Retinal Atrophy (Rod-cone dysplasia 4)	C17H2orf71 (c.3149_3150nsC)	CLEAR
Progressive Retinal Atrophy (PRA-PRCD)	PRCD (c.5G>A)	CLEAR
Skeletal Dysplasia 2	COL11A2 (c.143G>C)	CLEAR
Von Willebrand Disease I	VWF (c.7437G>A)	CLEAR

### Guide to results

<b>CLEAR</b>	Clear means we have tested for the mutation known to cause the disorder and have not found it. Oakley 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. Oakley 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 Oakley carries, otherwise approximately 25% of puppies will be affected with the disorder.