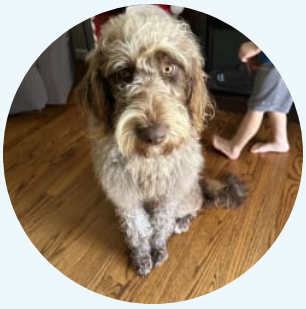
DNA HEALTH SUMMARY

Test Date: **11/29/2022**



Registered Name:	**Willow**
Date of Birth:	**9/6/2021**
Sex:	**Female**
Breed Ancestry:	**50.0% Labrador Retriever + 50.0% Poodle (Standard)**
Owner Supplied Breed:	**Labradoodle**
Registration Body/Number:	**Canadian Kennel Club (CKC)**
Embark Swab Code:	**31220411902594**
Embark Profile:	**http://embk.me/willow5602**

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 23 health conditions that are currently relevant for their breed(s). Please speak to your veterinarian and breeder about specific risks and care recommendations associated with your dog's results.

Great news!
Your dog is **not expected to develop signs and symptoms** from the specific variants* for the following breed-relevant conditions:

- Achromatopsia (CNGA3 Exon 7, Labrador Retriever Variant)

- Alexander Disease (GFAP)

- Canine Elliptocytosis (SPTB Exon 30)

- Centronuclear Myopathy, CNM (PTPLA)

- Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD (FGF4 retrogene - CFA12)

- Congenital Myasthenic Syndrome, CMS (COLQ, Labrador Retriever Variant)

- Degenerative Myelopathy, DM (SOD1A)

- Exercise-Induced Collapse, EIC (DNM1)

- GM2 Gangliosidosis (HEXB, Poodle Variant)

- Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 (TTC8)

- Hereditary Nasal Parakeratosis, HNPK (SUV39H2)

- Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU (SLC2A9)

- Macular Corneal Dystrophy, MCD (CHST6)

- Myotubular Myopathy 1, X-linked Myotubular Myopathy, XL-MTM (MTM1, Labrador Retriever Variant)

- Narcolepsy (HCRTR2 Intron 6, Labrador Retriever Variant)

- Neonatal Encephalopathy with Seizures, NEWS (ATF2)

** The information presented above is intended for non-breeding purposes. Please refer to the full Embark genetic test results for comprehensive health and trait information that is relevant for breeding decisions.*

- **Osteochondrodysplasia, Skeletal Dwarfism (SLC13A1, Poodle Variant)**
- **Progressive Retinal Atrophy, crd4/cord1 (RPGRIP1)**
- **Progressive Retinal Atrophy, prcd (PRCD Exon 1)**
- **Pyruvate Kinase Deficiency (PKLR Exon 7, Labrador Retriever Variant)**
- **Skeletal Dysplasia 2, SD2 (COL11A2, Labrador Retriever Variant)**
- **Ullrich-like Congenital Muscular Dystrophy (COL6A3 Exon 10, Labrador Retriever Variant)**
- **Von Willebrand Disease Type I, Type I vWD (VWF)**