DNA HEALTH SUMMARY

Test Date: **6/6/2022**

Registered Name:	**Romeo**
Date of Birth:	**1/29/2021**
Sex:	**Male**
Breed Ancestry:	**50.0% Australian Shepherd + 50.0% Poodle (Standard)**
Owner Supplied Breed:	**Aussiedoodle**
Embark Swab Code:	**31210952802587**
Embark Profile:	**http://embk.me/romeo909**

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 16 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:

- Canine Multifocal Retinopathy, cmr1 (BEST1 Exon 2)

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

- Collie Eye Anomaly, Choroidal Hypoplasia, CEA (NHEJ1)

- Craniomandibular Osteopathy, CMO (SLC37A2)

- Day Blindness, Cone Degeneration, Achromatopsia (CNGB3 Deletion, Alaskan Malamute Variant)

- Degenerative Myelopathy, DM (SOD1A)

- GM2 Gangliosidosis (HEXB, Poodle Variant)

- Hereditary Cataracts, Early-Onset Cataracts, Juvenile Cataracts (HSF4 Exon 9, Australian Shepherd Variant)

- Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU (SLC2A9)

- MDR1 Drug Sensitivity (ABCB1)

- Neonatal Encephalopathy with Seizures, NEWS (ATF2)

- Neuronal Ceroid Lipofuscinosis 6, NCL 6 (CLN6 Exon 7, Australian Shepherd Variant)

- Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8, Australian Shepherd Variant)

- Osteochondrodysplasia, Skeletal Dwarfism (SLC13A1, Poodle Variant)

- Progressive Retinal Atrophy, prcd (PRCD Exon 1)

- Von Willebrand Disease Type I, Type I vWD (VWF)

** 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.*