



Registered Name:	Josie
Date of Birth:	11/14/2022
Sex:	Female
Breed Ancestry:	100.0% Australian Shepherd
Owner Supplied Breed:	Australian Shepherd
Registration Body/Number:	American Stock Dog Registry (ASDR) ASDS-WV-2303657
Embark Swab Code:	31220910806129
Embark Profile:	http://embk.me/josie2894

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 14 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)
- 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)
- Hereditary Ataxia (PNPLA8, Australian Shepherd Variant)
- Hereditary Cataracts, Early-Onset Cataracts, Juvenile Cataracts (HSF4 Exon 9, Australian Shepherd Variant)
- Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU (SLC2A9)
- Junctional Epidermolysis Bullosa (LAMB3 Exon 11, Australian Shepherd Variant)
- MDR1 Drug Sensitivity (ABCB1)
- Neuronal Ceroid Lipofuscinosis 6, NCL 6 (CLN6 Exon 7, Australian Shepherd Variant)
- Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8, Australian Shepherd Variant)
- Primary Ciliary Dyskinesia, PCD (STK36, Australian Shepherd Variant)
- Progressive Retinal Atrophy, prcd (PRCD Exon 1)

* 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.