Welcome,
*Anna Fairchild*
*pawhealthcare@gmail.com*

Dogs
Orders
Settings

# Canine HealthCheck

## Demographic Information

| | | | |
|---|---|---|---|
| Call Name | Mono | DOB | November 4, 2012 |
| Registered Name | | Registration Number | |
| Breed | Mixbreeds | Microchip | 985141000 |
| Sex | Male | Collection Date | 03/09/2022 |
| Owner | Anna Fairchild | Laboratory # | 202202 |
| | | Report Date | August 31, 2022 |

**These tests were developed and performed by Paw Print Genetics®, Lincoln, NE.**

## Explanation of Results

| | |
|---|---|
| Normal | A "Normal" result means that your dog does not have the mutation that causes the associated genetic disease. |
| Carrier | A "Carrier" result means that your dog has one copy of the mutation but is not expected to show signs of the associated genetic disease. Breeding a carrier dog to another carrier dog increases the chance of producing affected puppies. Breeding a carrier dog to a clear dog will produce puppies that are carriers of the genetic disease. Breeding a carrier dog to a clear dog is a common way to produce healthy carriers for breeding programs. |
| At Risk / Affected | A "At Risk" result means that your dog has two copies of the mutation and is expected to show signs of the associated genetic disease. Breeding two affected dogs together will produce affected puppies. Breeding one or two carriers dogs to an affected dog increases the chance of producing affected puppies. |
| No Result | A "No Result" result means that we were unable to determine the genotype for this genetic disease in that dog. Possible reasons for a "No Result" result include: the DNA sample was too degraded to be tested, the DNA sample did not contain enough DNA to be tested, the DNA sample was from the wrong species, or the DNA sample failed to amplify during the PCR reaction. We recommend that the owner contact the laboratory to discuss the "No Result" result and to determine if a new DNA sample should be submitted for testing. |

Please review our Testing Errors and Warranty and Testing Limits FAQs.

Report Type: Full Report Save Save

MT - Mitochondrial SR - Sex NT - Homozygous Normal

## Breed Profile

| Disease Name | Genotype | Interpretation |
|---|---|---|
| Congenital Myasthenia Gravis | NT/NT | Normal/Clear |
| Degenerative Myelopathy | NT/NT | Normal/Clear |
| Dermatomyositis (DM) | NT/NT | Normal/Clear |
| Dilated Cardiomyopathy Syndrome Type 1 | NT/NT | Normal/Clear |
| Dilated Cardiomyopathy Syndrome Type 2 | NT/NT | Normal/Clear |
| Dilution Alopecia Syndrome (Black Hair Follicle Dysplasia) | NT/NT | Normal/Clear |
| Dilution Alopecia Syndrome (Fawn Hair Follicle Dysplasia) | NT/NT | Normal/Clear |
| Dilution Alopecia Syndrome (Blue

| | | |
|---|---|---|
| Bretagne Type) | | |
| Primary Open Angle Glaucoma (Basset Hound Type) | WT/WT | Normal (Clear) |
| Primary Open Angle Glaucoma | WT/WT | Normal (Clear) |
| Primary Open Angle Glaucoma (Norwegian Elkhound Type) | WT/WT | Normal (Clear) |
| Primary Open Angle Glaucoma and Primary Lens Luxation (Shar Pei Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy (Basenji Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy (Bullmastiff/Mastiff Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy (Giant Schnauzer Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy (Irish Setter Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy (Shetland Sheepdog Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy (Sloughi Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Cone-Rod Dystrophy (Dachshund Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Cone-Rod Dystrophy 1 (American Staffordshire Terrier Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Cone-Rod Dystrophy 2 (American Staffordshire Terrier Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Cone-Rod Dystrophy 3 (Glen of Imaal Terrier Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Cone-Rod Dystrophy 4 | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Early Onset (Spanish Water Dog Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Early-Onset (Portuguese Water Dog Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Generalized (Schapendoes Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Golden Retriever 1 | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Golden Retriever 2 | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Late-Onset (Lapponian Herder Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, PRA1 (Papillon Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, PRA3 (Tibetan Terrier and Spaniel Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration (prcd) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Rod-Cone Dysplasia 3 | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Rod-Cone Dysplasia 4 | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, Syndromic Retinal Degeneration (Shetland Sheepdog Type) | WT/WT | Normal (Clear) |
| Progressive Retinal Atrophy, X-Linked 1 (Husky Type) | WT/Y | X-Linked Male Normal |
| Progressive Retinal Atrophy, X-linked 2 | WT/Y | X-Linked Male Normal |
| Protein Losing Nephropathy | WT/WT, WT/WT | Normal (Clear) - No Increased Risk |
| Protein Losing Nephropathy (Variant 1) | 0 | |
| Protein Losing Nephropathy (Variant 2) | 0 | |
| Pyruvate Dehydrogenase Deficiency | WT/WT | Normal (Clear) |
| Pyruvate Kinase Deficiency (Basenji Type) | WT/WT | Normal (Clear) |
| Pyruvate Kinase Deficiency (Beagle Type) | WT/WT | Normal (Clear) |
| Pyruvate Kinase Deficiency (Labrador Retriever Type) | WT/WT | Normal (Clear) |
| Pyruvate Kinase Deficiency (Pug Type) | WT/WT | Normal (Clear) |
| Pyruvate Kinase Deficiency (Terrier Type) | WT/WT | Normal (Clear) |
| Recurrent Inflammatory Pulmonary Disease | WT/WT | Normal (Clear) |
| Renal Cystadenocarcinoma and Nodular Dermatofibrosis | WT/WT | Normal (Clear) |
| Retinal Dysplasia/Oculoskeletal Dysplasia 1 | WT/WT | Normal (Clear) |
| Retinal Dysplasia/Oculoskeletal Dysplasia 2 | WT/WT | Normal (Clear) |
| Sensory Neuropathy (Border Collie Type) | WT/WT | Normal (Clear) |
| Severe Combined Immunodeficiency Disease (Terrier Type) | WT/WT | Normal (Clear) |
| Severe Combined Immunodeficiency Disease (Wetterhoun Type) | WT/WT | Normal (Clear) |
| Severe Combined Immunodeficiency Disease, X-Linked (Basset Hound Type) | WT/Y | X-Linked Male Normal |
| Severe Combined Immunodeficiency Disease, X-Linked (Corgi Type) | WT/Y | X-Linked Male Normal |
| Shar-Pei Autoinflammatory Disease | WT/WT | Normal (Clear) |
| Skeletal Dysplasia 2 | WT/WT | Normal (Clear) |
| Spinal Dysraphism | WT/WT | Normal (Clear) |
| Spinocerebellar Ataxia (Alpine Dachsbrake Type) | WT/WT | Normal (Clear) |
| Spinocerebellar Ataxia (Terrier Type) | WT/WT | Normal (Clear) |
| Spondylocostal Dysostosis | WT/WT | Normal (Clear) |
| Stargardt Disease | WT/WT | Normal (Clear) |
| Startle Disease | No Result | No Result |
| Subacute Necrotizing Encephalopathy (Yorkshire Terrier Type) | WT/WT | Normal (Clear) |
| Thrombopathia (American Eskimo Dog Type) | WT/WT | Normal (Clear) |
| Thrombopathia (Basset Hound Type) | WT/WT | Normal (Clear) |
| Thrombopathia (Newfoundland Type) | WT/WT | Normal (Clear) |
| Trapped Neutrophil Syndrome | WT/WT | Normal (Clear) |
| Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 1) | WT/WT | Normal (Clear) |
| Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 2) | WT/WT | Normal (Clear) |
| Urolithiasis (Native American Indian Dog Type) | WT/WT | Normal (Clear) |
| Van Den Ende-Gupta Syndrome | WT/WT | Normal (Clear) |
| Von Willebrand Disease I | WT/WT | Normal (Clear) |
| Von Willebrand Disease II | WT/WT | Normal (Clear) |
| Von Willebrand Disease III (Kooikerhondje Type) | WT/WT | Normal (Clear) |
| Von Willebrand Disease III (Scottish Terrier Type) | WT/WT | Normal (Clear) |
| Von Willebrand Disease III (Shetland Sheepdog Type) | WT/WT | Normal (Clear) |

WT: wild type (normal) M: mutant Y: Y chromosome (male)

Canine HealthCheck® is a product of Paw Print Genetics®. This test was developed and its performance determined by Paw Print Genetics. This laboratory has established and verified the test's accuracy and precision with >99% sensitivity and specificity. The results included in this report relate only to the items tested using the sample provided. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a diagnostic test. This is not a breed identification test. Because all tests are DNA-based, rare genomic variations may interfere with the performance of some individual tests producing false results. If you think any results are in error, please contact the laboratory for further evaluation.




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The Canine HealthCheck® is a screen of >325 genes that cause diseases or traits in dogs. This is not a diagnostic test. Any abnormal results (carrier or affected), or any results that concern you, should be confirmed using a diagnostic test. Diagnostic testing is available from Paw Print Genetics® and in many cases, can be performed using existing DNA from the Canine HealthCheck.

The Canine HealthCheck is not a breed identification test.