



Micah Halpern
Micah Halpern, PhD
 Principal Scientist

Mary Simonson
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 Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #:

450759

OWNER'S NAME: BROOKE HARRIS
PET'S NAME*: OLIVER TWIST
PET'S REGISTRATION #: PR24112503
PET'S BREED: POODLE MINIATURE
DATE TESTED: 8/15/2023

TEST	RESULT**	TEST RESULT EXPLANATION***
Brachycephaly (BR-BMP3)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will likely not have a short muzzle length.
Osteochondrodysplasia (OCD)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop osteochondrodysplasia.
Chondrodystrophy And Intervertebral Disc Disease Risk (CDDY-IVDD)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and do not possess the mutation that leads to shortened legs and increased risk for intervertebral disc disease.
Von Willebrand's Disease Type I (VWD1)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop von Willebrand's type I disease.
Progressive Rod-Cone Degeneration (PRA-PRCD)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop progressive rod cone degeneration.

*GenSol warrants its test results to be accurate for the sample obtained from the above pet. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GENSOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

***For detailed result explanation visit www.gensoldx.com. Please consult a licensed veterinarian to discuss the implications.

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 1-844-369-3686 - info@Gensoldx.com - www.gensoldx.com

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Degenerative Myelopathy (DM)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop degenerative myelopathy.
Neonatal Encephalopathy (NE)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop neonatal encephalopathy.
A-AY Locus (A-AY LOCUS)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop a fawn/sable coat color due to this mutation.
B Locus (B LOCUS)	B	(CARRIER/NOT AFFECTED): These dogs have one copy of the normal gene and one copy of the mutation associated with brown/chocolate/liver coloring. They will have a black-based coat, black nose and black footpads.
K-KB Locus (K-KB LOCUS)	C	(CARRIER/AFFECTED): These dogs have two copies of the mutation that leads to black coloring in pigmented areas of the dog's coat. They will likely have a black-based coat that can be dependent on additional coat color mutations.

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Merle (MERLE)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop a merle coat pattern.
Curly Coat (CURL)	C	(AT RISK/AFFECTED): These dogs have two copies of the mutation which typically results in a tight curly coat.
Furnishings/improper Coat Locus (FURN-IC LOCUS)	C	(AT RISK/AFFECTED): These dogs have two copies of the mutation associated with longer facial hair known as furnishings. They will develop longer facial hair which can also be referred to as improper coat in certain breeds.

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