

OFA CANINE HEALTH INFORMATION CENTER

WOODLANDS TWILA
registered name

BOSTON TERRIER
breed

900255002049521
tattoo/microchip/DNA profile

CHIC#: 221079

NP95191005
registration no.

F 11/28/2024
sex date of birth

07/08/2026
date of report

REQUIRED TESTS

EYES

OFA

BTR-EYE2843/16F-VPI

04/18/2026

PATELLA

OFA

BTR-PA4576/18F/P-VPI

06/18/2026

BAER HEARING TEST

OFA

BTR-BR4240/18F-VPI

06/18/2026



owner

RONNIE COBLENTZ
6827 CR 672
MILLERSBURG OH 44654

OFA eCert



with QR scan

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 07/08/2026

This certification can be verified on the OFA website by entering the animal's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806

OFA website: www.ofa.org
E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

WOODLANDS TWILA
registered name

BOSTON TERRIER
breed

film/test/lab #

900255002049521
tattoo/microchip/DNA profile

2704233
application number

07/03/2026
date of report

RESULTS:

Based on the BAER test results submitted, there was no evidence of congenital deafness.

NP95191005
registration no.

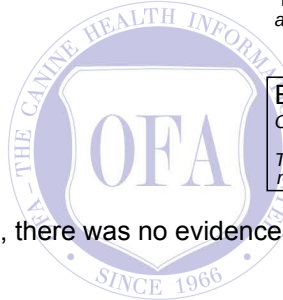
F
sex

11/28/2024
date of birth

18
age at evaluation in months



A Not-For-Profit Organization



BTR-BR4240/18F-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

HEARING (NORMAL)

owner

RONNIE COBLENTZ
6827 CR 672
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

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OFA website: www.ofa.org
E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

WOODLANDS TWILA
registered name

BOSTON TERRIER
breed

1068618
film/test/lab #

900255002049521
tattoo/microchip/DNA profile

2704233
application number

04/29/2026
date of report

RESULTS:

Based upon the exam dated 04/18/2026, this animal has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

NP95191005
registration no.

F
sex

11/28/2024
date of birth

16
age at evaluation in months



A Not-For-Profit Organization

BTR-EYE2843/16F-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

NORMAL

owner
RONNIE COBLENTZ
6827 CR 672
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 04/29/2026

This certification can be verified on the OFA website by entering the animal's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFA.ORG to request a correction.

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Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

WOODLANDS TWILA
registered name

BOSTON TERRIER
breed

film/test/lab #

900255002049521
tattoo/microchip/DNA profile

2704233
application number

07/03/2026
date of report

RESULTS:

The results of the examination submitted to OFA indicate that no evidence of patellar luxation was recognized.

NP95191005
registration no.

F
sex

11/28/2024
date of birth

18
age at evaluation in months



A Not-For-Profit Organization

BTR-PA4576/18F/P-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

NORMAL - PRACTITIONER

owner RONNIE COBLENTZ
6827 CR 672
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. Keller, DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

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E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

Provided Information:		Case:	NCD261511
Name:	WOODLANDS TWILA	Date Received:	19-Nov-2025
Registration:	NP95191005	Report Issue Date:	25-Nov-2025
		Report ID:	7437-4128-1730-7073
Verify report at vgl.ucdavis.edu/verify			
DOB: 11/28/2024 Sex: Female Breed: Boston Terrier Microchip: 900255002049521			
Sire: SNAPPER	Dam: BETTY		
Reg:	Reg:		
Microchip:	Microchip:		

RESULT

INTERPRETATION

MC1R (E LOCUS)	E^m/E^m	2 copies of mask.
BROWN (B LOCUS)	B/b	1 copy of brown present - carrier.
DILUTE (D LOCUS)	d^l/d^l	Dilute, 2 copies of the dilution variants.
DOMINANT BLACK (K LOCUS)	K/N	1 copy of dominant black is present. *
LEGACY AGOUTI	a^y/a^y	Homozygous for fawn/sable.
AGOUTI (A LOCUS)	ASIP^{SY}/ASIP^{SY}	Two copies of shaded yellow.
PIEBALD (S LOCUS)	N/N	Dog has no copies of piebald.

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

Client/Owner/Agent Information: RONNIE COBLENTZ 6827 COUNTY ROAD 672 MILLERSBURG, OH 44654	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 25-Nov-2025 Report ID: 7437-4128-1730-7073 Verify report at vgl.ucdavis.edu/verify
Name: WOODLANDS TWILA	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Dog Coat Color test results, please visit our website at:
vgl.ucdavis.edu/resources/dog-coat-color

* This result is sometimes associated with the brindle pattern.
Agouti research is ongoing, and additional variation beyond the resolution of this test may exist.

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
vgl.ucdavis.edu · (530) 752-2211



Agouti: the ASIP (A) locus

The Agouti gene, also referred to as the **A locus** or **ASIP locus**, is a gene that controls where and when eumelanin (i.e. black/brown pigment) or phaeomelanin (i.e. red/yellow/tan pigment) is produced in the coat of dogs and other mammals. The old Agouti test (now referred to as Legacy Agouti) identified four alleles at the Agouti locus, but these alleles did not fully explain the different coat color phenotypes controlled by this gene. Recent research by Dr. Bannasch and colleagues has uncovered more of the complexity of dog coat color as it relates to the ASIP locus, allowing our laboratory to offer a more complete test to our clients.

The new Agouti test allows for the identification of eight haplotype combinations, and their correspondence to the Legacy Agouti alleles is shown below.

Note: The illustrations below portray examples of adult coat patterns. Puppy coats typically exhibit more eumelanin (black/brown pigment). For example, in puppies, the Black Saddle coloration looks like Black Back and Shaded Yellow can look very similar to Agouti.

	PHENOTYPE NAME	COMMON NAMES	ASIP HAPLOTYPE COMBINATION	OLD ALLELE Legacy Agouti	
	Dominant Yellow	fawn, sable, red, cream, tan	<i>ASIP^{DY}</i>	a ^y	most dominant <



Eumelanin (black/brown pigment)
Appearance of pigment will depend on other genes, e.g. Brown (B locus), Dilute (D locus), *MC1R* (E locus), and Dominant Black (K locus)



Phaeomelanin (yellow/red/tan pigment)
Appearance of pigment will depend on other genes, e.g. Dilute (D locus), Intensity (Iⁿ), and *KITLG*

*In some cases, the a^w Legacy Agouti allele can correspond to the new **ASIP^{BB3}** haplotype combination.

For more detailed information about the new Agouti test, please visit our website at <https://vgl.ucdavis.edu/test/agouti-dog>



CANINE HYPERURICOSURIA (HUU) TEST REPORT

Provided Information: Name: WOODLANDS TWILA Registration: NP95191005	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 4801-2367-2749-7166 Verify report at vgl.ucdavis.edu/verify
DOB: 11/28/2024 Sex: Female Breed: Boston Terrier Microchip: 900255002049521	
Sire: SNAPPER Reg: Microchip:	Dam: BETTY Reg: Microchip:

RESULT

INTERPRETATION

Hyperuricosuria (HUU)	N/N
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No copies of the hyperuricosuria mutation detected. Dog is normal.

CANINE HYPERURICOSURIA (HUU) TEST REPORT

Client/Owner/Agent Information: RONNIE COBLENTZ 6827 COUNTY ROAD 672 MILLERSBURG, OH 44654	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 4801-2367-2749-7166 Verify report at vgl.ucdavis.edu/verify
Name: WOODLANDS TWILA	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Hyperuricosuria test results, please visit our website at:
vgl.ucdavis.edu/test/hyperuricosuria

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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vgl.ucdavis.edu · (530) 752-2211

CHONDRODYSTROPHY (CDDY) AND CHONDRODYSPLASIA (CDPA) TEST REPORT

Provided Information: Name: WOODLANDS TWILA Registration: NP95191005		Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 4740-9662-9765-7082 Verify report at vgl.ucdavis.edu/verify
DOB: 11/28/2024 Sex: Female Breed: Boston Terrier Microchip: 900255002049521		
Sire: SNAPPER Reg: Microchip:		Dam: BETTY Reg: Microchip:

RESULT

INTERPRETATION

Chondrodystrophy (CDDY)	N/N	No copies of CDDY mutation.
Chondrodysplasia (CDPA)	N/N	No copies of CDPA mutation

**CHONDRODYSTROPHY (CDDY) AND
CHONDRODYSPLASIA (CDPA)
TEST REPORT**

Client/Owner/Agent Information: RONNIE COBLENTZ 6827 COUNTY ROAD 672 MILLERSBURG, OH 44654	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 4740-9662-9765-7082 Verify report at vgl.ucdavis.edu/verify
Name: WOODLANDS TWILA	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on CDDY and CDPA test results, please visit our website at:
vgl.ucdavis.edu/test/cddy-cdpa

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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DEGENERATIVE MYELOPATHY (DM) TEST REPORT

Client/Owner/Agent Information: RONNIE COBLENTZ 6827 COUNTY ROAD 672 MILLERSBURG, OH 44654	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 0315-1524-1394-0180 Verify report at vgl.ucdavis.edu/verify
Name: WOODLANDS TWILA	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on DM test results, please visit our website at:
vgl.ucdavis.edu/test/degenerative-myelopathy

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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vgl.ucdavis.edu · (530) 752-2211

Degenerative Myelopathy is associated with a genetic variant in the *SOD1* gene (c.118G>A). We therefore denote this associated allele as DM on our reports.

Many dog breeds carry the *SOD1* allele associated with Degenerative Myelopathy. The following breeds have been reported as having **clinically-affected** individuals with two copies of the *SOD1* associated variant (denoted on our report as **DM/DM**): American Eskimo Dog, Australian Shepherd, Bernese Mountain Dog, Bloodhound, Borzoi, Boxer, Cardigan Welsh Corgi, Cavalier King Charles Spaniel, Chesapeake Bay Retriever, Czech Wolfhound, English Springer Spaniel, German Shepherd, Golden Retriever, Hovawart, Kerry Blue Terrier, Labrador Retriever, Pembroke Welsh Corgi, Pug, Rhodesian Ridgeback, Rough Collie, Soft Coated Wheaten Terrier, Standard Poodle, and Wire Fox Terrier. Testing is advisable for these breeds.

There have also been reports of crossbred dogs with two copies of the *SOD1* allele that were clinically affected by degenerative myelopathy.

What do the results mean for my dog?

Within clinically-affected breeds, dogs with two copies of DM (**DM/DM**) are considered at higher risk for developing clinical signs of DM. However, not all dogs that are DM/DM will develop clinical signs of disease, and not all cases of degenerative myelopathy are explained by the DM/DM result.

Why some DM/DM dogs display symptoms of disease and others do not, is not yet known, but one hypothesis is that there are other genetic modifiers that contribute to risk. This is still under investigation.

Dogs with one copy of DM (**N/DM**) are not expected to develop clinical signs of degenerative myelopathy. They are considered carriers, because they carry the allele associated with disease.

Dogs with **N/N** genotype do not have this *SOD1* variant associated with degenerative myelopathy.

Please note that there may be other causes for degenerative myelopathy in the dog that are not explained by the *SOD1* variant (c.118G>A) tested by the VGL.

What about breeding my dog?

Dogs with a DM/DM genotype will pass on the DM allele to all of their offspring.

Dogs with an N/DM genotype may pass on the DM allele to ~50% of their offspring. If bred to another N/DM dog, 25% of puppies will be expected to have a DM/DM genotype and be at increased risk for developing DM.

For more detailed information about DM, visit <https://vgl.ucdavis.edu/test/degenerative-myelopathy>

CANINE MULTIFOCAL RETINOPATHY GENETIC TEST REPORT

Client/Owner/Agent Information: RONNIE COBLENTZ 6827 COUNTY ROAD 672 MILLERSBURG, OH 44654	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 3124-7599-5269-4039 Verify report at vgl.ucdavis.edu/verify
Name: WOODLANDS TWILA	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on CMR1, CMR2 and CMR3 test results, please visit our website at:
vgl.ucdavis.edu/test/cmr1
vgl.ucdavis.edu/services/dog/CMR-2-3

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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vgl.ucdavis.edu · (530) 752-2211



TEST REPORT

Provided Information:	Case: NCD261511
Name: WOODLANDS TWILA	Date Received: 19-Nov-2025
Registration: NP95191005	Report Issue Date: 24-Nov-2025
	Report ID: 0684-0510-0913-7042
Verify report at vgl.ucdavis.edu/verify	
DOB: 11/28/2024 Sex: Female Breed: Boston Terrier Microchip: 900255002049521	
Sire: SNAPPER	Dam: BETTY
Reg:	Reg:
Microchip:	Microchip:

INTERPRETATION

Juvenile Hereditary Cataracts (JHC)	N/N
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No copies of JHC mutation. Cataracts may however develop because of other genetic and environmental factors.

JUVENILE HEREDITARY CATARACTS (JHC) TEST REPORT

Client/Owner/Agent Information: RONNIE COBLENTZ 6827 COUNTY ROAD 672 MILLERSBURG, OH 44654	Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 0684-0510-0913-7042 Verify report at vgl.ucdavis.edu/verify
Name: WOODLANDS TWILA	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on JHC test results, please visit our website at:
vgl.ucdavis.edu/test/juvenile-hereditary-cataract

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

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vgl.ucdavis.edu · (530) 752-2211

COAT LENGTH TEST REPORT

Provided Information: Name: WOODLANDS TWILA Registration: NP95191005		Case: NCD261511 Date Received: 19-Nov-2025 Report Issue Date: 24-Nov-2025 Report ID: 6816-2281-7647-2146 Verify report at vgl.ucdavis.edu/verify
DOB: 11/28/2024 Sex: Female Breed: Boston Terrier Microchip: 900255002049521		
Sire: SNAPPER Reg: Microchip:		Dam: BETTY Reg: Microchip:

RESULT

INTERPRETATION

COAT LENGTH	S/S
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No copies of these alleles associated with long hair detected.

COAT LENGTH TEST REPORT

Client/Owner/Agent Information:	Case: NCD261511
RONNIE COBLENTZ 6827 COUNTY ROAD 672	Date Received: 19-Nov-2025
MILLERSBURG, OH 44654	Report Issue Date: 24-Nov-2025
	Report ID: 6816-2281-7647-2146
Name: WOODLANDS TWILA	

Verify report at vgl.ucdavis.edu/verify

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Dog Coat Type test results, please visit our website at:
vgl.ucdavis.edu/services/dog/coat-length-curl-furnishings

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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