

HAVANESE GENETIC HEALTH PANEL TEST REPORT

Provided Information: Name: BESEME'S SILVER WINTER SUNSHINE Registration: TS33637803	Case: NCD149039 Date Received: 05-Apr-2021 Report Issue Date: 15-Apr-2021 Report ID: 9200-1509-2305-2099 Verify report at www.vgl.ucdavis.edu/verify
DOB: 01/28/2017 Sex: Female Breed: Havanese Microchip: 981020019593471 Color: silver brindle with cream markings	
Call Name: Shimmer	
Sire: JIJO'S AND SHATARA'S HIGH VOLTAGE Dam: BESEME'S SWEETEST MIRACLE WITH LOS FELIZ Reg: TS10631802 Reg: TS17222201 Microchip: Microchip:	

RESULT

INTERPRETATION

Chondrodystrophy (CDDY)	N/CDDY
Chondrodysplasia (CDPA)	CDPA/CDPA
Canine Multifocal Retinopathy (CMR1)	N/N
vWD Type 1	N/N

1 copy of CDDY mutation. Dog is at risk for IVDD. Mutation causes leg shortening compared to N/N dogs.

2 copies of CDPA. Mutation causes leg shortening compared to N/N dogs.

Normal - no copies of the CMR1 mutation.

Normal - no copies of vWF mutation associated with vWD Type 1.

HAVANESE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information: CHARLENE STOUTSENBERGER 575 NORTH 870 WEST WEST BOUNTIFUL, UT 84087-1962	Case: NCD149039 Date Received: 05-Apr-2021 Report Issue Date: 15-Apr-2021 Report ID: 9200-1509-2305-2099 Verify report at www.vgl.ucdavis.edu/verify
Name: BESEME'S SILVER WINTER SUNSHINE	

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 Havanese Genetic test results, please visit our website at:
www.vgl.ucdavis.edu/services/dog/HavanesePanel.php

For terms and conditions of testing, please see www.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

DOG COAT TYPE TEST REPORT

Provided Information: Name: BESEME'S SILVER WINTER SUNSHINE Registration: TS33637803		Case: NCD149039 Date Received: 05-Apr-2021 Report Issue Date: 06-Dec-2021 Report ID: 1960-1264-4655-3115 Reissue of: 1412-3575-3230-0151 <small>Verify report at www.vgl.ucdavis.edu/verify</small>
DOB: 01/28/2017 Sex: Female Breed: Havanese Microchip: 981020019593471 Color: silver brindle with cream markings		
Call Name: Shimmer		
Sire: JIJO'S AND SHATARA'S HIGH VOLTAGE Reg: TS10631802 Microchip:		Dam: BESEME'S SWEETEST MIRACLE WITH LOS FELIZ Reg: TS17222201 Microchip:

RESULT

INTERPRETATION

COAT LENGTH	L/L	Dog has long hair.
CURL	N/N	Dog has straight coat.
FURNISHINGS	F/F	Dog has furnishings. All offspring will have furnishings.
IMPROPER COAT		Not requested.

DOG COAT TYPE TEST REPORT

Client/Owner/Agent Information: CHARLENE STOUTSENBERGER 575 NORTH 870 WEST WEST BOUNTIFUL, UT 84087-1962	Case: NCD149039 Date Received: 05-Apr-2021 Report Issue Date: 06-Dec-2021 Report ID: 1960-1264-4655-3115 Reissue of: 1412-3575-3230-0151 Verify report at www.vgl.ucdavis.edu/verify
Name: BESEME'S SILVER WINTER SUNSHINE	

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:
www.vgl.ucdavis.edu/services/DogCoatLengthCurlandFurnishings.php

Additional Comments

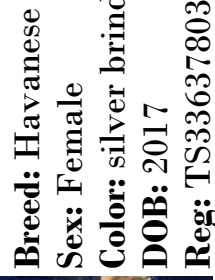
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Report authorized by Dr. Rebecca Bellone, VGL Director

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

BESME'S SILVER WINTER SUNSHINE

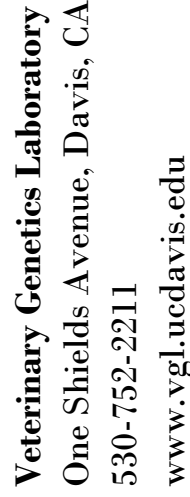


Reg: TS33637803

Report ID: 4947-0294-9604-6008



Havanese DLA		
	DLA I	DLA II
Haplotype 1	1116	2070
Haplotype 2	1116	2070



CHARLENE STOUTSENBERGER
575 NORTH 870 WEST
WEST BOUNTIFUL, UT 84087-1966

CANINE GENETIC DIVERSITY TEST REPORT

Provided Information:		Case: NCD149039
Name: BESEME'S SILVER WINTER SUNSHINE		Date Received: 05-Apr-2021
Registration: TS33637803		Report Issue Date: 13-Apr-2021
		Report ID: 4947-0294-9604-6008
		Verify report at www.vgl.ucdavis.edu/verify
DOB: 01/28/2017 Sex: Female Breed: Havanese Microchip: 981020019593471 Color: silver brindle with cream markings		
Call Name: Shimmer		
Sire: JIJO'S AND SHATARA'S HIGH VOLTAGE	Dam: BESEME'S SWEETEST MIRACLE WITH LOS FELIZ	
Reg: TS10631802	Reg: TS17222201	
Microchip:	Microchip:	

INTERNAL RELATEDNESS

IR = 0.05 (0.02 to 0.08)

DLA HAPLOTYPE RESULT

	DLA I	DLA II
Haplotype 1	1116	2070
Haplotype 2	1116	2070

DIVERSITY PANEL

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
1: AHT121	102/104	2: AHT137	139/147	3: AHTH130	117/117
4: AHTH171-A	225/233	5: AHTH260	248/250	6: AHTk211	87/87
7: AHTk253	288/288	8: C22.279	118/130	9: FH2001	144/148
10: FH2054	156/176	11: FH2848	234/242	12: INRA21	95/97
13: INU005	124/124	14: INU030	144/144	15: INU055	216/218
16: LEI004	85/85	17: REN105L03	231/237	18: REN162C04	204/210
19: REN169D01	216/220	20: REN169O18	166/166	21: REN247M23	268/268
22: REN54P11	226/238	23: REN64E19	147/149	24: VGL0760	13/23.2
25: VGL0910	21.1/21.1	26: VGL1063	12/14	27: VGL1165	26/26
28: VGL1828	20/21	29: VGL2009	13/14	30: VGL2409	16/18
31: VGL2918	13/15	32: VGL3008	17/19	33: VGL3235	13/14

CANINE GENETIC DIVERSITY TEST REPORT

Client/Owner/Agent Information: CHARLENE STOUTSENBERGER 575 NORTH 870 WEST WEST BOUNTIFUL, UT 84087-1962	Case: NCD149039 Date Received: 05-Apr-2021 Report Issue Date: 13-Apr-2021 Report ID: 4947-0294-9604-6008 Verify report at www.vgl.ucdavis.edu/verify
Name: BESEME'S SILVER WINTER SUNSHINE	

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.

The Veterinary Genetics Laboratory is an institutional member of ISAG. DNA types are reported according to standardized nomenclature for markers in the ISAG panel.

For more detailed information on Canine Genetic Diversity test results, please visit our website at:
www.vgl.ucdavis.edu/test/canine-genetic-diversity

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

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Report authorized by Dr. Rebecca Bellone, VGL Director

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

Provided Information:		Case:	NCD149039
Name:	BESEME'S SILVER WINTER SUNSHINE	Date Received:	05-Apr-2021
Registration:	TS33637803	Report Issue Date:	16-Apr-2021
		Report ID:	6068-1923-2594-3124
Verify report at www.vgl.ucdavis.edu/verify			
DOB: 01/28/2017 Sex: Female Breed: Havanese Microchip: 981020019593471 Color: silver brindle with cream markings			
Call Name: Shimmer			
Sire:	JJO'S AND SHATARA'S HIGH VOLTAGE	Dam:	BESEME'S SWEETEST MIRACLE WITH LOS FELIZ
Reg:	TS10631802	Reg:	TS17222201
Microchip:		Microchip:	

RESULT

INTERPRETATION

MC1R (E LOCUS)	E/E	2 copies of black
BROWN (B LOCUS)	B/B	Does not carry brown - cannot have brown offspring
DILUTE (D LOCUS)	D/D	No known dilution variants present.
DOMINANT BLACK (K LOCUS)	N/N	Dog does not have the dominant black mutation
AGOUTI (A LOCUS)	a^y/a^t	Dog has fawn and carries black-and-tan
MERLE		Not requested.
PIEBALD (S LOCUS)	N/S	Dog has 1 copy of piebald.
HARLEQUIN (GREAT DANE)		Not requested.
NATURAL BOBTAIL		Not requested.
DOBERMAN OCA		Not requested.
GERMAN SHEPHERD PANDA SPOTTING		Not requested.
INTENSITY DILUTION		Not requested.

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

Client/Owner/Agent Information: CHARLENE STOUTSENBERGER 575 NORTH 870 WEST WEST BOUNTIFUL, UT 84087-1962	Case: NCD149039 Date Received: 05-Apr-2021 Report Issue Date: 16-Apr-2021 Report ID: 6068-1923-2594-3124 Verify report at www.vgl.ucdavis.edu/verify
Name: BESEME'S SILVER WINTER SUNSHINE	

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 Coat Color test results, please visit our website at:
www.vgl.ucdavis.edu/services/coatcolordog.php

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