

Sample ID: 2605-W-621359  
Report Date: 16/05/2026

Your Ref: -  
Our Ref: 53345

**Veterinary Surgeon**

**Owner**

Ms Ursula Furter  
Greystone Cottage, Lower Wick  
Dursley  
Gloucester  
GL11 6DD  
United Kingdom

ursi@avonwolf.co.uk

**Animal Details**

Animal:	Dog (Canine)	D.O.B	04/07/2024
Name	Tiny Tim @ Avonwolf (Mickey)	Microchip No.	900219002071133
Breed	Belgian Shepherd Dog (Malinois)	Registration	BB25749203
Sex	Male	Tattoo No.	

**Sample**

Sample Material	Swab	Sample received:	07/05/2026
Sample Date:	03/05/2026		

**Test**

Test Name:	8610 Spongy Degeneration with Cerebellar Ataxia (SDCA1)
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**Result**

Genotype:	N/N (Genetically Clear)
Interpretation:	<p>The examined animal is homozygous for the wild type allele. It does not carry the causative mutation for SDCA1 in the KCNJ10-gene.</p> <p style="text-align: center;">Trait of inheritance: autosomal-recessive</p> <p>Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Belgian Shepherd, Dutch Shepherd</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

\*\*\*\*\* END OF RESULT \*\*\*\*\*

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**Sample**

Sample Material	Swab	Sample received:	07/05/2026
Sample Date:	03/05/2026		

**Test**

Test Name:	8158 Degenerative Myelopathy (Exon 2)
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**Result**

Genotype:	N/N (exon 2) (Genetically Clear)
Interpretation:	The examined animal is homozygous for the wildtype allele. It does not carry the high-risk factor for DM in exon 2 of the SOD1-gene.
	Trait of inheritance: autosomal-recessive
	Please note: In the Bernese Mountain Dog breed the mutation in exon 1 of the SOD1-gene also occurs in correlation with DM.
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<b>Sex</b>	Male	<b>Tattoo No.</b>	

**Sample**

<b>Sample Material</b>	Swab	<b>Sample received:</b>	07/05/2026
<b>Sample Date:</b>	03/05/2026		

**Test**

<b>Test Name:</b>	8543 Cardiomyopathy with juvenile mortality
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**Result**

<b>Genotype:</b>	N/ N (Genetically Clear)
<b>Interpretation:</b>	<p>The examined animal is homozygous for the wildtype-allele. It does not carry the causal mutation for CJM in the YARS2-gene.</p> <p>Trait of inheritance: autosomal recessive</p> <p>Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Belgian Shepherd</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

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Breed	Belgian Shepherd Dog (Malinois)	Registration	BB25749203
Sex	Male	Tattoo No.	

**Sample**

Sample Material	Swab	Sample received:	07/05/2026
Sample Date:	03/05/2026		

**Test**

Test Name:	8582 Spongy Degeneration with Cerebellar Ataxia (SDCA2)
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**Result**

Genotype:	N/N (Genetically Clear)
Interpretation:	<p>The examined animal is homozygous for the wild-type allele. It does not carry the causative mutation for SDCA2 in the ATP1B2-gene.</p> <p style="text-align: center;">Trait of inheritance: autosomal-recessive</p> <p>Scientific studies found association between the mutation and symptoms of the disease in the following breeds: Belgian Shepherd, Dutch Shepherd</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

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<b>Breed</b>	Belgian Shepherd Dog (Malinois)	<b>Registration</b>	BB25749203
<b>Sex</b>	Male	<b>Tattoo No.</b>	

**Sample**

<b>Sample Material</b>	Swab	<b>Sample received:</b>	07/05/2026
<b>Sample Date:</b>	03/05/2026		

**Test**

<b>Test Name:</b>	8697 CNS atrophy with cerebellar ataxia (CACA)
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**Result**

<b>Genotype:</b>	N / N (Genetically Clear)
<b>Interpretation:</b>	<p>The examined animal is homozygous for the wildtype-allele. It does not carry the causal mutation for CACA.</p> <p style="text-align: center;">Trait of inheritance: autosomal recessive</p> <p>Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Belgian Shepherd</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

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Your dog's DNA will be stored for 5 years and will be available for further testing. If you wish to order further tests on this dog, you don't have to submit a new sample; simply write the above sample ID on the order form, or mark which test(s) you require from the list below and return together with the order form. You can also order by calling us on 0161 282 3066 and quoting the sample ID.

The following tests are available for *Belgian Shepherd*:

- 8006 DNA ID Profile (Genetic Fingerprint)
- 8697 CNS Atrophy with Cerebellar Ataxia (CACA)
- 8543 Cardiomyopathy with Juvenile Mortality (CJM)
- 8294 Chondrodystrophy (CDDY with IVDD Risk) and Chondrodysplasia (CDPA) (*All Breeds*)
- 8158D Degenerative Myelopathy (DM Exon 2) (*All Breeds*)
- 8154D Hyperuricosuria (HUU, SLC) (*All Breeds*)
- 8062 MH (Malignant Hyperthermia) (*All Breeds*)
- 8610 Spongy Degeneration with Cerebellar Ataxia (SDCA1)
- 8582 Spongy Degeneration with Cerebellar Ataxia (SDCA2)
- 8634 Belgian Shepherd Special Offer : SDCA1 + SDCA2 + CJM + CACA

**Coat Colours**

- 8144 A Locus Agouti (Fawn / Sable, Black and Tan / Tricolour, Recessive Black)
- 8136 D Locus (Dilution)
- 8018 E Locus (Cream)
- 8146 EM-Locus Melanistic Mask Allele (Em)
- 8145 K Locus (KB Dominant Black / ky only - *does not check for brindle*)
- 8243D S Locus (Piebald, Spotted White)\*
- 8654 **Coat Colour DNA Bundle** A Locus + B Locus + D Locus D1 + E Locus E1 + I Locus + S Locus

\*\*\*\*\* END OF RESULT \*\*\*\*\*

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