

## Test Result

Sample ID: 2307-W-53786  
Report Date: 04/08/2023  
Our Ref: 5895

### Veterinary Surgeon

Allandale Veterinary Hospital  
Dr Patricia Lechten  
66 Caplan Avenue  
Barrie  
Ontario  
L4n 9J2  
Canada

info@allandalevet.com

### Owner

Murray Clark  
30 Lioba Drive  
Toronto  
MIL 4V4  
Canada

murray.clark@bell.net

### Animal Details

Animal:	Dog (Canine)	D.O.B	14/04/2023
Name	4	Microchip No.	956000011393062
Breed	Miniature Schnauzer	KC Reg	
Sex	Male	Tattoo No.	

### Sample

Sample Material	Blood Card	Sample received:	18/07/2023
Sample Date:	19/06/2023		

### Test

Test Name:	8360 Mycobacterium Complex Sensitivity (MAC)
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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 MAC in the CARD9-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: Miniature Schnauzer</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

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

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) Unit 20, Wheel Forge Way, Trafford Park, Manchester, M17 1EH

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**Sample**

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Sample Date:	19/06/2023		

**Test**

Test Name: 8022 Myotonia Congenita

**Result**

**Genotype:** N/N (Genetically Clear)  
**Interpretation:** The examined animal is homozygous for the wild-type allele. It does not carry the causative mutation for Myotonia Congenita in the CIC-1-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found association between the mutation and symptoms of the disease in the following breeds: Miniature Schnauzer

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Sex	Male	Tattoo No.	

### Sample

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### Test

Test Name:	8546 Type B1 PRA
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### Result

**Genotype:** N / N (Genetically Clear)

**Interpretation:**

The examined animal is homozygous for the wildtype allele. It does not carry the causal mutation for PRA in the HIVEP3 gene.

Trait of inheritance: autosomal recessive

Scientific studies found association between the mutation and symptoms of the disease in the following breeds: Miniature Schnauzer

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Sex	Male	Tattoo No.	

### Sample

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### Test

Test Name:	8538 Charcot Marie Tooth (CMT)
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### Result

**Genotype:** N / N (Genetically Clear)

**Interpretation:**

The examined animal is homozygous for the wild type allele. It does not carry the causal mutation for CMT in the SBF2 gene.

Trait of inheritance: autosomal recessive

Scientific studies found association between the mutation and symptoms of the disease in the following breeds: Miniature Schnauzer

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### Test

Test Name:	8335 Comma Defect (Spondylocostal Dysotosis)
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### Result

Genotype:	N/N (Genetically Clear)
Interpretation:	<p>The examined animal is homozygous for the wildtype allele. It does not carry the causative mutation for comma defect in the HES7-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: Miniature Schnauzer</p>

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### Test

Test Name:	8462 Persistent Muellerian Duct Syndrome (PMDS)
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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 PMDS in the MISRII-gene.</p> <p>Trait of inheritance: autosomal-recessive</p> <p>Scientific studies found association between the mutation and symptoms of the disease in the following breeds: Miniature Schnauzer</p>

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Sex	Male	Tattoo No.	

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Sample Date:	19/06/2023		

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 *Miniature Schnauzer*:

- ☐ 8006 DNA ID Profile (Genetic Fingerprint)
- ☐ 8158D Degenerative Myelopathy (DM Exon 2) (*All Breeds*)
- ☐ 8154D Hyperuricosuria (HUU, SLC) (*All Breeds*)
- ☐ 8062 MH (Malignant Hyperthermia) (*All Breeds*)
- ☐ 8360• Mycobacterium Avium Complex (MAC) sensitivity•
- ☐ 8022 Myotonia Congenita
- ☐ 8462 Persistent Müllerian duct syndrome (PMDS)
- ☐ 8335 Spondylocostal Dysostosis (Comma Defect)
- ☐ 8446 Type B PRA \*

• These tests are part of the Official UK Kennel Club DNA testing scheme, please sign the declaration.

### Coat Colours

- ☐ 8144 A Locus Agouti (Fawn / Sable, Black and Tan/ Tricolour, Recessive Black)
- ☐ 8023 B Locus (Brown Coat Colour)
- ☐ 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*)
- ☐ 8188 M Locus \* / Merle Gene / Dapple (merle / Cryptic Merle)
- ☐ 8243D S Locus (Piebald, Spotted White)\*
- ☐ 8366 I Locus
- ☐ 8124 Coat (hair) Length I
- ☐ 8196 Curly Coat
- ☐ 8654 Coat Colour DNA bundle: Loci A + B + D1 + E1 + K + I + S

**Declaration:** I accept that, for UK registered dogs, results of the tests above which are part of the Official UK Kennel Club DNA testing scheme will be sent to the Kennel Club and published as part of the Kennel Club scheme.

Signed ..... (owner / agent) Date: .....

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