

Sample ID: 2309-W-55253  
Report Date: 08/09/2023  
Our Ref: 7932

**Veterinary Surgeon**

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**Owner**

Mrs Cheryl Spurr United Kingdom    reinglengsds@reinglen.co.uk
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**Animal Details**

<b>Animal:</b> Dog (Canine)	<b>D.O.B</b> 14/12/2022
<b>Name</b> Grimm's Fairytale at Reinglen (Grimm)	<b>Microchip No.</b> 953010006329240
<b>Breed</b> German Shepherd	<b>Registration</b> BA18440207
<b>Sex</b> Male	<b>Tattoo No.</b>

**Sample**

<b>Sample Material</b> Swab	<b>Sample received:</b> 30/08/2023
<b>Sample Date:</b> 29/08/2023	

**Test**

<b>Test Name:</b> 8158D Degenerative Myelopathy (EXON 2)
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**Result**

**Genotype:** N/N (exon 2) (Clear)  
**Interpretation:** The dog is homozygous normal for the intact SOD1-gene.

The dog does not carry the mutation in exon 2 of the SOD1 that is suggested to be a major risk factor for the development of Degenerative Myelopathy.

Please note: In the Bernese Mountain Dog breed the mutation in exon 1 of SOD1-gene occurs also in correlation with DM.

The dog can pass only the normal gene on to all its offspring.

The currently known mutation has been analysed.

The result is only valid for the submitted sample.

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