

Sample ID: 1902-W-80690  
Original Sample ID: 1901-W-01354  
Result Date: 13/02/2019

**Veterinary Surgeon**

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**Owner**

MS CHERYL SPURR WAKEFIELD WEST YORKSHIRE  reinglengsds@reinglen.co.uk
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**Animal Details**

<b>Animal:</b> CANINE	<b>D.O.B</b> 22/12/2017
<b>Name</b> REINHUND DIAMOND VON REINGLEN (CODA)	<b>Microchip No.</b> 953010002558107
<b>Breed</b> GERMAN SHEPHERD DOG	<b>KC Reg</b> AV00332402
<b>Sex</b> FEMALE	<b>Tattoo No.</b>

**Sample**

<b>Sample Material</b> SWAB	<b>Sample received:</b> 08/01/2019
<b>Sample Date:</b> 04/01/2019	

**Test**

<b>Test Name:</b> 8142 Dwarfism (Pituitary Dwarfism / Hypopituitarism )
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**Result**

<b>Genotype:</b> N/N (Clear)
<b>Interpretation:</b> The examined animal is homozygous for the wild type allele. It does not carry the causative mutation for Dwarfism in the LHX3-gene.  Trait of inheritance: autosomal-recessive  Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: German Shepherd, Saarlooswolfdog, Czechoslovakian Wolfdog  This result is only valid for the submitted sample material.

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

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UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF

t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk