



**OPTIGEN**<sup>®</sup> LLC

*for the genetic advantage*

## TYPE B PRA TEST REPORT

**Owner:** Bjorn Klein  
Karlstr. 38a,  
Saarbrücken, 66127  
Germany

**OG#:** 19-1924

**Test Completed:** 4/22/19

**LBKN#:** 1903W17716

### TEST RESULT: HOMOZYGOUS WILD TYPE/CLEAR

**Call Name:** Wresley-Elvis von Heichrina  
**Breed:** Miniature Schnauzer  
**Registered Name:** Wresley-Elvis von Heichrina  
**Registered Number:** VDH 18ZS 42006878  
**ID Number:** 276098106624997  
**Birthdate:** 2/2/2018      **Sex:** m

Dear Bjorn,

We have tested your **Miniature Schnauzer, Wresley-Elvis von Heichrina**, for Type B PRA:

#### Test Result: HOMOZYGOUS WILD TYPE/CLEAR

This dog's genotype for the predictive genetic marker, "Type B PRA Risk Variant" in Miniature Schnauzers is **Homozygous Wild Type/Clear**. It does not carry any copies of the Type B Risk Variant and is not at risk of developing this form of PRA. Dogs with this genotype can still develop other forms of PRA as, in the Miniature Schnauzer breed, there are at least two forms of PRA, i.e. the Type A PRA mutation and also an as yet uncharacterized PRA-causing mutation.

#### Recommendations for Breeding:

It is recommended that breeding pairs be selected in a way that would not produce puppies that carry two copies of (i.e. are Homozygous Risk Variant for) the Type B PRA Risk Variant. Mating of this dog with dogs that are either Homozygous Wild Type or Heterozygous for the Risk Variant will never produce puppies that are Homozygous for the Risk Variant. For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com)

DNA tests do not replace the importance of yearly examinations by your veterinary ophthalmologist.

April 22, 2019  
Date of Report

  
Sue Pearce-Kelling, President

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