

sample ID: 1511-W-36586

name, identity of animal) lies by the sender.

**Degenerative Myelopathy - PCR**

Result: Genotype N/N (exon 2)

Interpretation: The dog is homozygous normal concerning the intact SOD1-gene. The dog does not carry the mutation in exon 2 of SOD1 that is suggested to be a major risk factor for the development of Degenerative Myelopathy. The dog can pass only the normal gene on to all its offspring.

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

The current result is only valid for the sample submitted to our laboratory. The sender is responsible for the correct information regarding the sample material. The laboratory can not be made liable. Furthermore, any obligation for compensation is limited to the value of the tests performed.

There is a possibility that other mutations may have caused the disease/phenotype. The analysis was performed according to the latest knowledge and technology.

The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2005. (except partner lab tests).

**Breeding club discounts were granted for discountable services!**

Australian Shepherd, Bouvier des Flandres, Border Collie, Border Terrier, Boxer, Bull Terrier, Cocker Spaniel, Dalmatian, Doberman Pinscher, English Bulldog, English Cocker Spaniel, English Setter, German Shepherd, German Shorthaired Pointer, Golden Retriever, Labrador Retriever, Malinois, Mastiff, Miniature Pinscher, Newfoundlander, Old English Sheepdog, Papillon, Pomeranian, Poodle, Rottweiler, Saint Bernard, Shetland Sheepdog, Siberian Husky, Smooth Fox Terrier, Standard Poodle, Weimaraner, West Highland White Terrier, Yorkshire Terrier, and other breeds. This result is only valid for the above mentioned breeds.

\*\*\* END of report \*\*\*

The DNA-test is not according to the dog's name. Hr. Dr. Beitzinger  
Dipl.-Biol. Molekularbiologie  
: test performed by partnerlaboratory of the partner laboratory

MDR1 genetic test carried out according to  
DIN EN ISO/IEC 17025 in our partnerlaboratory.  
Liability for identification of samples (e.g.