

sample ID: 1301-W-02307

EN ISO 17025 (D-PL-13186-01). (except partner lab tests).

**Genetic analyses A-Lokus Agouti (PCR)**

Result: genotype AY/at

Interpretation: The dog is heterozygous for the allele AY/at at the A-Locus. That means the coat is fawn/sable in the pigmented areas if the A-Locus is expressed (depending on the K-Locus). The dog will pass the dominant AY-Allele onto its offspring with a probability of 50%.  
The result is only valid for the submitted sample.

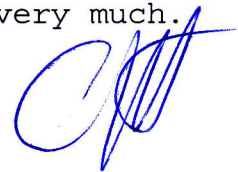
**Genetic analysis K-Lokus (PCR)**

Result: genotype KB/ky

Interpretation: The dog is heterozygous for the allele KB/ky at the K-Locus. That means the coat is solid coloured in the pigmented areas and that the Agouti locus is not expressed. The dog colour is determined by B-Locus.  
The dog will pass the recessive ky allele onto its offspring with a probability of 50%.  
The result is only valid for the submitted sample.

Please note: The Sable-test is only for English Cocker Spaniel. Please specify the breed of the dog. If it is a cocker spaniel we could run the Sable-test on this sample. Thank you very much.

**VET: Inessa Zaitseva**



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

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