

LABOKLIN N.V., Industriestraat 29, 6433 JW Hoensbroek

Mevr.
Marian Verheem
Schenkeldijk 4
3295 EG 's Gravendeel
Nederland

Rapportnummer:	2504-N-04234
Datum van aankomst:	16.04.2025
Datum van het rapport:	25.04.2025
Testen begonnen:	16.04.2025
Testen voltooid:	25.04.2025
Status van het rapport:	Eindrapport

Diersoort:	Kat
Ras:	Bengaal
Geslacht:	vrouwelijk
Naam:	Spokie
Geboortedatum / Leeftijd:	28.02.25
Type monster:	Swabs
Datum monstername:	14.04.2025
Eigenaar / Dier-ID:	Verheem, Mariam
IT No. / Report-ID:	---

Coat colour Charcoal - PCR

Result: Genotype A(Pb)/a

Interpretation: The examined animal is heterozygous for the A(Pb)- and a-allele.

The test detects the alleles: A (agouti), A(Pb) (charcoal) and a (non-agouti)

Coat colour brown - PCR

Result: Genotype B/B

Interpretation: The examined animal is homozygous for the B-allele.

The test detects the alleles B, b (chocolate) and bl (cinnamon). Allelic series: B dominant over b, b dominant over bl

Coat colour variant "Snow" (Bengal) - PCR

Result: Genotype C/C

Interpretation: The examined animal is homozygous for the C-allele.

The test detects the alleles C, cb and cs. Allelic series: C dominant over cb, cb dominant over cs

Coat colour Variant Dilution - PCR

Result: Genotype D/D

Interpretation: The examined animal is homozygous for the D-allele.

The test detects the alleles D and d. Allelic series: D dominant over d

Pyruvatkinase Deficiency:

Result: Genotype N/PK

Interpretation: The examined animal is heterozygous for the causative mutation for Pyruvate Kinase Deficiency in the PKLR-gene.

Trait of inheritance: autosomal-recessive

The current results are 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 17025:2018. (except partner lab tests).

M. Albertz, DVM MSc

***** EINDE van rapport *****