

Date: 07/05/2021

No.: 213287/9

DNA test result

Registered name: FIGO MIRACLE STAFFIE

Species: dog

Coat colour: blue brindle with white

Breed: Staffordshire Bull Terrier

Birth Certificate:

Description

Date of birth: 20.03.2020

Chip No.: 941000025142817

Gender: male

Tattoo:

Sire: MORGAN SAMA SŁODYCZ

Registration Number: PKR.III-89584

Dam: JUANITA BLUE ICE DIABELSKI UŚMIECH

Owners Name: Marzena Wojciechowska

Type of DNA test: L-2-hydroxyglutaric aciduria [L-2-HGA]

Marker	Alleles	Genotype
<i>L2HGDH</i> c.1297 T>C (Leu433Pro, L433P) and c.1299 C>T (His434Tyr, H434Y) exon 10	N/N	CLEAR

N – normal allele, Mut – mutated allele

Explanation: Genotype N/N (dominant homozygote) – the animal is not a carrier of the mutation (the animal is healthy – „Clear” – „Normal”). DNA test based on the sequencing analysis of c.1297 T>C (Leu433Pro, L433P) and c.1299 C>T (His434Tyr, H434Y) exon 10 region of the *L2HGDH* gene flanking the mutation site (2 x single nucleotide polymorphism, 2 x SNP) – c.1297 T>C (Leu433Pro, L433P) and c.1299 C>T (His434Tyr, H434Y), not detected mutation (2 x SNP) in either of the two alleles of the *L2HGDH* gene.