

Date: 07/05/2021

No.: 213287/8

### DNA test result

**Registered name:** BRAVE SPIRIT PROTON AT SAMA SLODYCZ

**Species:** dog

**Coat colour:** black brindle with white

**Breed:** Staffordshire Bull Terrier

**Birth Certificate:**

**Description**

**Date of birth:** 16.04.2020

**Chip No.:** 643094100667434

**Gender:** male

**Tattoo:** PAU 5003

**Sire:** DIAMOND CHASE GRAF DON

**Registration Number:** RKF 5982538

**Dam:** BRAVE SPIRIT MALEFICENTA FAIRY OF LOVE

**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.