UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information:
AMERICAN QUARTER HORSE ASSOCIATION

Provided Information:
Name: **ZIPPO DUN IT SMART**
Registration: **6481449**

Date Received: 17-Oct-2025
Report Issue Date: 17-Nov-2026
Report ID: 3724-0533-7160-5031
Reissue of: 1622-6798-9989-6011

DOB: **05/11/2025** *Sex:* **Stallion** *Breed:* **Quarter Horse** *Alt. ID:* **7832376**

Sire: TINSELTOWNSSMARTEST
Reg: 5561550
Microchip:

Dam: ZIPPOS SUGARINA
Reg: 5620325
Microchip:

	RESULT	INTERPRETATION
Glycogen Branching Enzyme Deficiency (GBED)	**N/G**	Carrier. One copy of the GBED allele detected.
Hereditary Equine Regional Dermal Asthenia (HERDA)	**N/N**	Normal. No copies of the HERDA allele detected.
Hyperkalemic Periodic Paralysis (HYPP)	**N/N**	Normal. No copies of the HYPP allele detected.
Malignant Hyperthermia (MH)	**N/N**	Normal. No copies of the MH allele detected.
Polysaccharide Storage Myopathy Type 1 (PSSM1)	**N/N**	Normal. No copies of the PSSM1 allele detected.
Myosin-Heavy Chain Myopathy (MYHM)	**N/N**	Normal. No copies of the MYHM allele detected. Horse does not have increased susceptibility for immune mediated myositis or nonexertional rhabdomyolysis caused by the MYHM allele.

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on American Quarter Horse Genetic Health Panel test results, please visit our website at: vgl.ucdavis.edu/panel/quarter-horse-disease-panel

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
vgl.ucdavis.edu · (530) 752-2211